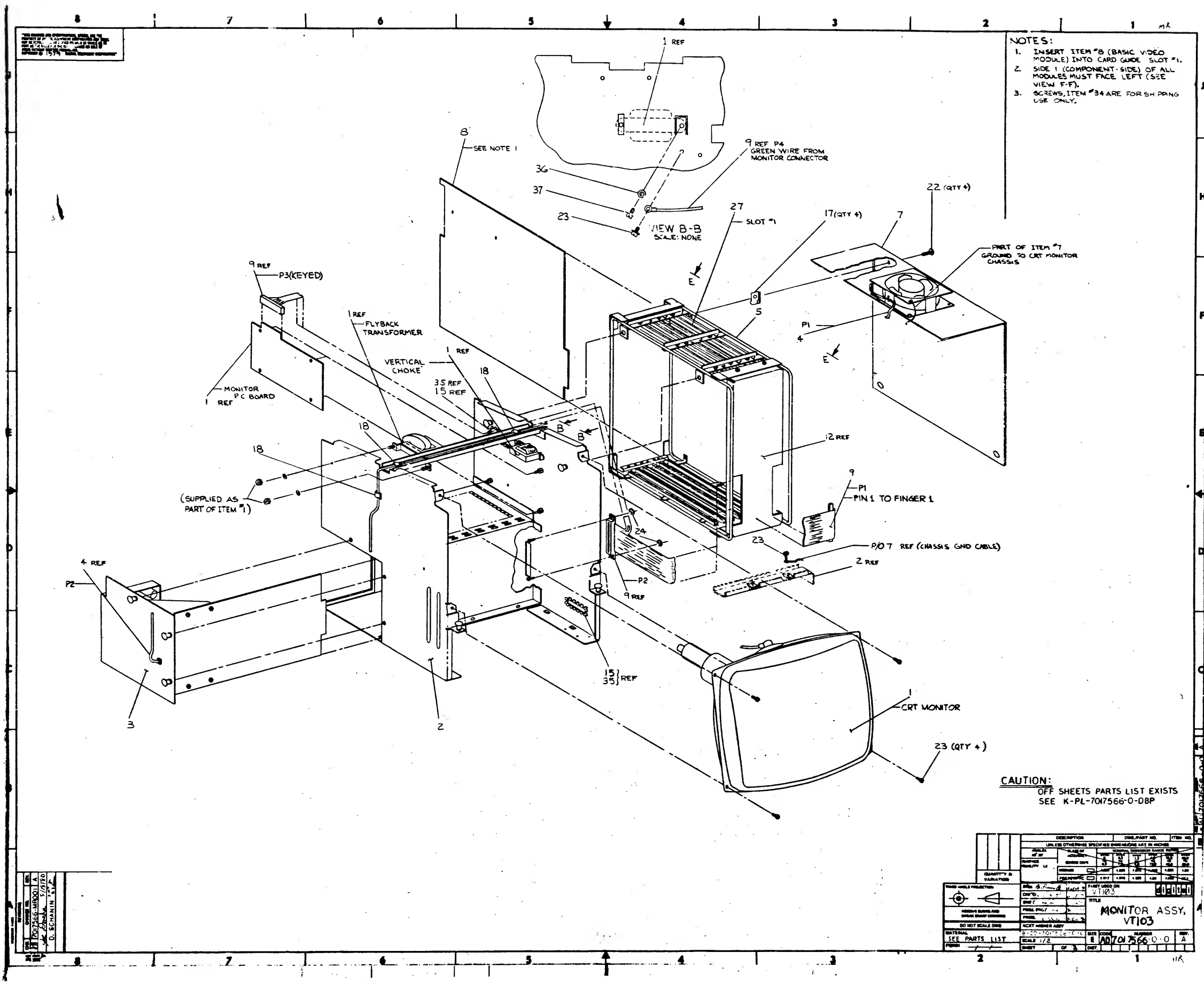


LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION			
					AA	AB	BA	BB
1	1	E-AD-7017566-0-0	7017566-00	VT103 MONITOR ASSY,	1	1	-	-
2	2	E-AD-7017566-0-0	7017566-01	VT103 MONITOR ASSY,	-	-	1	1
3	3	D-UA-7014653-0-0	7014653-00	KEYBOARD ASSY	1	-	1	-
4	4		3616448-00	LABEL,CAUTION;USE CORRECT VOLT,	1	1	1	1
5	5		3613209-01	LABEL,ADHESIVE BACK	1	1	1	1
6	6		3613209-02	LABEL,ADHESIVE BACK	1	1	1	1
7	7		3613211-01	DECAL,CLEAR PREPRINTED CSA 1-1/4	1	1	1	1
8	8		3615680-00	LABEL,ADHESIVE BACK,SWITCH POSIT	1	1	1	1
9	9	A-DC-7414213-0-0	7414213-00	STICKER VT50 UL	1	1	1	1
10	10		1700083-09	PWR CORD,TERM. 75IN,18-3,125V 6	1	1	1	1
11	11		9007032-00	TIE, CABLE	1	1	1	1
12	12	B-PL-7017313-0-0	7017313-00	VT103 ACCESSORY	1	1	1	1
13	13	A-PS-3613209-0-0	3613209-00	LABEL, UL FOIL ADH BACK, 3/4 X	1	1	1	1

REVISION HISTORY		BASIC PART NO: VT103		DRN: MARK PASCARELLI	DATE: 28-MAR-79	D I G I T A L			
ENG:	ECO NUMBER	REV	SECTION A OF A			TITLE		PARTS LIST	
---	INITIAL	*	SECTION, VARIATION INDEX	CHK'D: R. VOWLES	DATE: 4-MAY-79	UNIT ASSY,VT103			
			(A) AA,AB,BA,BB						
			(B)	DES,ENG.: DAVE SCHANIN	DATE: 14-NOV-79				
			(C)	RESP,ENG.: DAVE SCHANIN	DATE: 14-NOV-79	DOCUMENT NUMBER			
			(D)			SIZE	CODE	NUMBER	REV
			(E)	MFG,ENG.: MIKE MATHEWS	DATE: 14-NOV-79	K	PL	VT103-0-DHP	*
			(F)	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #	
				E-UA-VT103-0-0	B-DD-VT103-0-0	Z0873,PLS		15	
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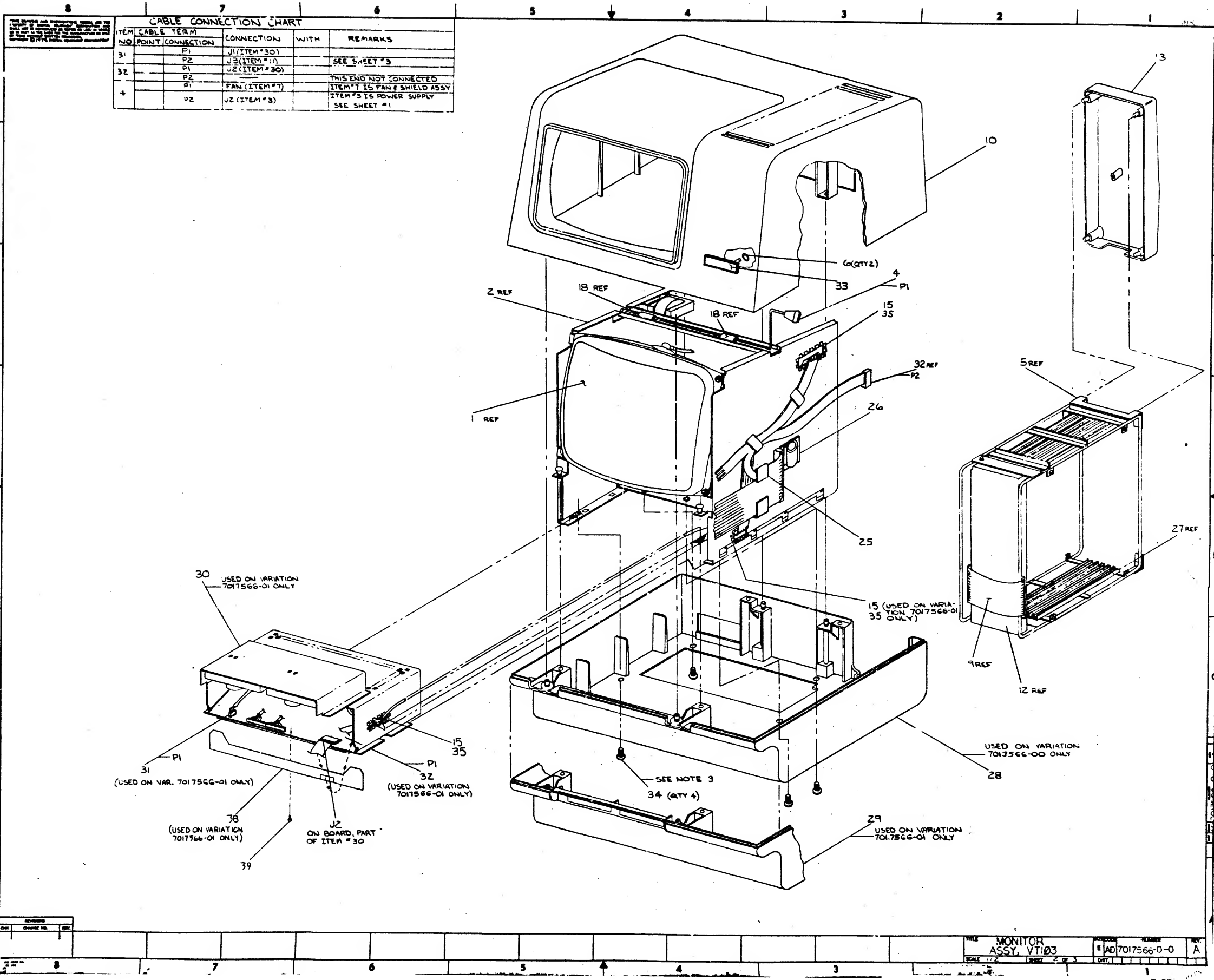
MR



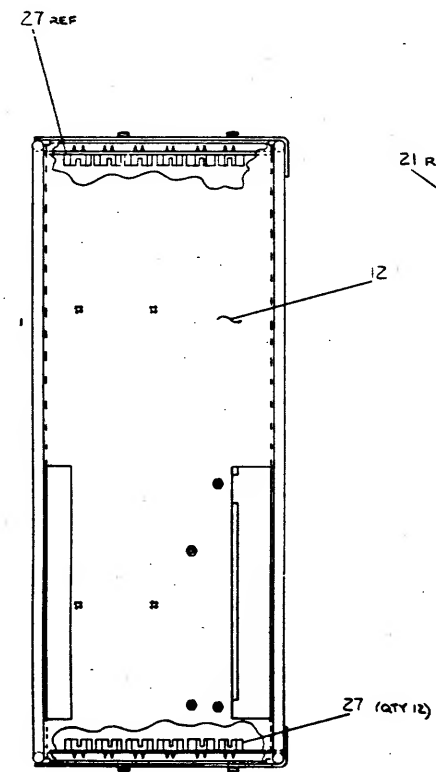
100% INSPECTION
BY ROUTING ROOM
DATE 10/10/60
D. SCHANIN S.P.

DESCRIPTION	QTY	UNIT	ITEM NO.
MONITOR ASSY, VT103	1	EA	1
MONITOR PC BOARD	1	EA	2
FLYBACK TRANSFORMER	1	EA	3
VERTICAL CHOKE	1	EA	4
CRT MONITOR	1	EA	5
MONITOR CONNECTOR	1	EA	6
MONITOR CABLE	1	EA	7
MONITOR MOUNTING BRACKET	1	EA	8
MONITOR SCREW	1	EA	9
MONITOR NUT	1	EA	10
MONITOR WASHER	1	EA	11
MONITOR SPRING	1	EA	12
MONITOR PIN	1	EA	13
MONITOR FINGER	1	EA	14
MONITOR CABLE CLAMP	1	EA	15
MONITOR GROUND CABLE	1	EA	16
MONITOR CHASSIS	1	EA	17
MONITOR FRAME	1	EA	18
MONITOR BEZEL	1	EA	19
MONITOR GRILL	1	EA	20
MONITOR VENT	1	EA	21
MONITOR HOUSING	1	EA	22
MONITOR COVER	1	EA	23
MONITOR LATCH	1	EA	24
MONITOR HANDLE	1	EA	25
MONITOR KNOB	1	EA	26
MONITOR DIAL	1	EA	27
MONITOR SCALE	1	EA	28
MONITOR POINTER	1	EA	29
MONITOR INDICATOR	1	EA	30
MONITOR LIGHT	1	EA	31
MONITOR BULB	1	EA	32
MONITOR SOCKET	1	EA	33
MONITOR WIRE	1	EA	34
MONITOR TERMINAL	1	EA	35
MONITOR CONNECTOR	1	EA	36
MONITOR CABLE	1	EA	37
MONITOR CHASSIS	1	EA	38
MONITOR FRAME	1	EA	39
MONITOR BEZEL	1	EA	40
MONITOR GRILL	1	EA	41
MONITOR VENT	1	EA	42
MONITOR HOUSING	1	EA	43
MONITOR COVER	1	EA	44
MONITOR LATCH	1	EA	45
MONITOR HANDLE	1	EA	46
MONITOR KNOB	1	EA	47
MONITOR DIAL	1	EA	48
MONITOR SCALE	1	EA	49
MONITOR POINTER	1	EA	50
MONITOR INDICATOR	1	EA	51
MONITOR LIGHT	1	EA	52
MONITOR BULB	1	EA	53
MONITOR SOCKET	1	EA	54
MONITOR WIRE	1	EA	55
MONITOR TERMINAL	1	EA	56
MONITOR CONNECTOR	1	EA	57
MONITOR CABLE	1	EA	58
MONITOR CHASSIS	1	EA	59
MONITOR FRAME	1	EA	60
MONITOR BEZEL	1	EA	61
MONITOR GRILL	1	EA	62
MONITOR VENT	1	EA	63
MONITOR HOUSING	1	EA	64
MONITOR COVER	1	EA	65
MONITOR LATCH	1	EA	66
MONITOR HANDLE	1	EA	67
MONITOR KNOB	1	EA	68
MONITOR DIAL	1	EA	69
MONITOR SCALE	1	EA	70
MONITOR POINTER	1	EA	71
MONITOR INDICATOR	1	EA	72
MONITOR LIGHT	1	EA	73
MONITOR BULB	1	EA	74
MONITOR SOCKET	1	EA	75
MONITOR WIRE	1	EA	76
MONITOR TERMINAL	1	EA	77
MONITOR CONNECTOR	1	EA	78
MONITOR CABLE	1	EA	79
MONITOR CHASSIS	1	EA	80
MONITOR FRAME	1	EA	81
MONITOR BEZEL	1	EA	82
MONITOR GRILL	1	EA	83
MONITOR VENT	1	EA	84
MONITOR HOUSING	1	EA	85
MONITOR COVER	1	EA	86
MONITOR LATCH	1	EA	87
MONITOR HANDLE	1	EA	88
MONITOR KNOB	1	EA	89
MONITOR DIAL	1	EA	90
MONITOR SCALE	1	EA	91
MONITOR POINTER	1	EA	92
MONITOR INDICATOR	1	EA	93
MONITOR LIGHT	1	EA	94
MONITOR BULB	1	EA	95
MONITOR SOCKET	1	EA	96
MONITOR WIRE	1	EA	97
MONITOR TERMINAL	1	EA	98
MONITOR CONNECTOR	1	EA	99
MONITOR CABLE	1	EA	100

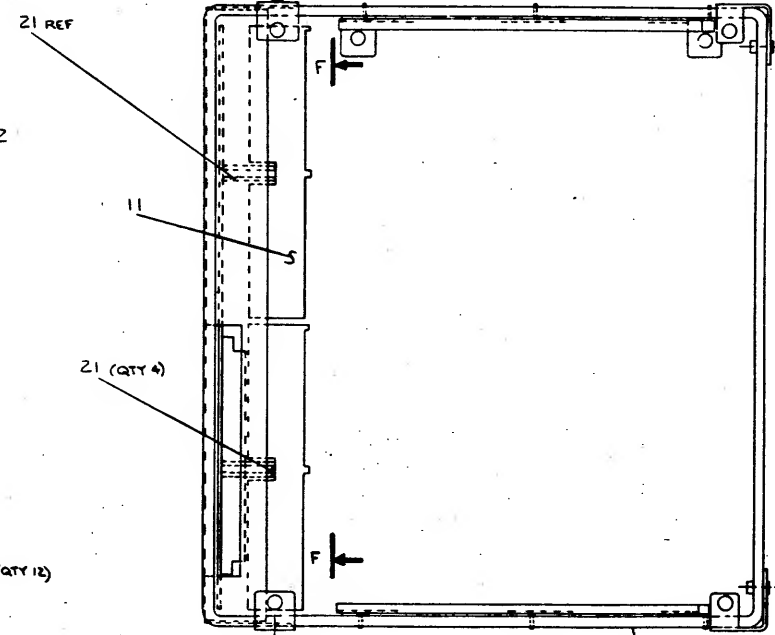
CABLE CONNECTION CHART				
ITEM NO	CABLE TERM	CONNECTION	WITH	REMARKS
31	P1	J1 (ITEM #30)		
	P2	J3 (ITEM #11)		SEE SHEET #3
32	P1	J2 (ITEM #30)		
	P2			THIS END NOT CONNECTED
	P1	FAN (ITEM #7)		ITEM #7 IS FAN & SHIELD ASSY
	P2	J2 (ITEM #3)		ITEM #3 IS POWER SUPPLY
				SEE SHEET #1



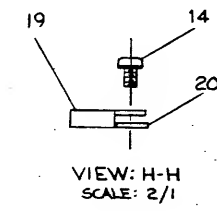
THIS DRAWING AND SPECIFICATIONS, WHEN USED IN CONNECTION WITH THE INSTRUCTIONS, SHALL BE THE BASIS FOR THE CONSTRUCTION OF THE MONITOR ASSEMBLY. THE USER SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF THE MONITOR ASSEMBLY.



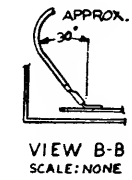
REAR VIEW



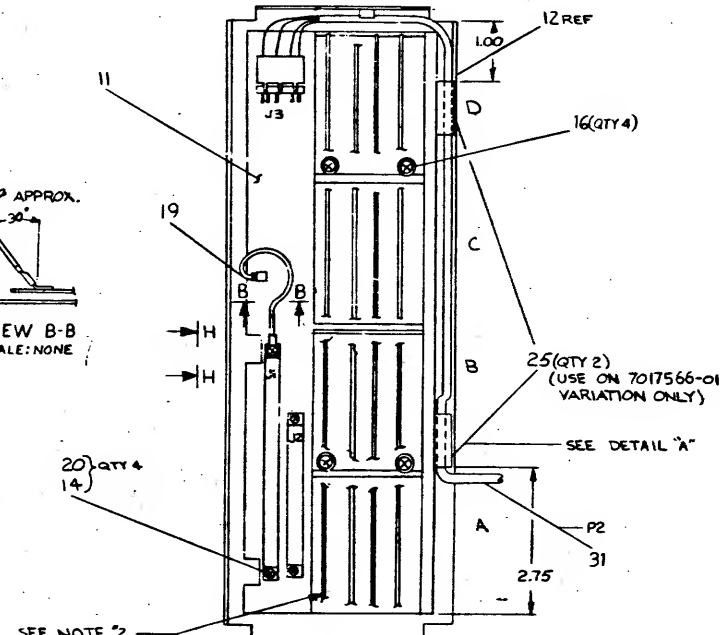
VIEW "E-E"



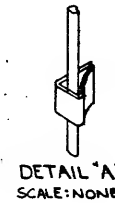
VIEW: H-H
SCALE: 2/1



VIEW B-B
SCALE: NONE



VIEW "F-F"
SCALE: 1/1



DETAIL "A"
SCALE: NONE

REV	DATE	BY	CHKD
1			

MONITOR
ASSY, VT103
E AD 7017566-0-0 A

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION	
				00	01
1	1	A-PS-3016080-0-0	3016080-00	MONITOR ASSY,CRT,DIRECT DRIVE RA	1
2	2	D-IA-7014975-0-0	7014975-00	CHASSIS,ASSY CRT	1
3	3	D-UA-H7835-0-0	H7835-00	VT103 SUPPLY:120V/240V 50/60HZ I	1
4	4	D-IA-7016044-0-0	7016044-02	CABLE,PDT11 FAN 24 SIN	1
5	5	E-IA-7016624-0-0	7016624-00	FRAME,PC CARD ASSY	1
6	6		9009257-00	RING, RETAINING, REINFORCED, .35	2
7	7	D-AD-7016810-0-0	7016810-00	FAN+SHIELD ASSY VT103	1
8	8	D-UA-5413009-0-0	5413009-00	VT100 BASIC VIDEO CONTROLLER	1
9	9	D-IA-7014978-0-0	7014978-00	POWER CABLE ASSY	1
10	10	D-IA-7014974-0-0	7014974-01	ENCLOSURE, CRT TOP ASSY	1
11	11	D-UA-5414008-0-0	5414008-00	VT103 BACKPLANE	1
12	12	D-IA-7421563-0-0	7421563-00	BRKT, BACKPLANE	1
13	13	D-IA-7014976-0-0	7014976-00	WORT BOX ASSY	1
14	14		9009643-01	SCREW,PAN,PHIL,SEMS 4-40X .625	4
15	15		9007035-00	GROMMET #122-37-1500	A/R A/R
16	16		9006210-06	SCREW, PHILLIPS FILLISTER HEAD 8	4
17	17		9006584-00	NUT, U-SHAPED, SPRING #C-8091	4
18	18		9008341-00	CLIP,PVC HARNESS, DESKLASP,1" WID	3
19	19	B-IA-7017314-0-0	7017314-00	CABLE GROUND	1
20	20		9006655-00	WASHER, FLAT, .312 O.D, X .125 I	4
21	21		9009603-00	SPACER, HEX, ALUM, 8-32, .250 X	4
22	22		9009701-00	SCREW, SEMS, PHILLIPS PAN HD 6-3	8
23	23		9009967-00	SCREW,HEX ,SLOT 6-32X 5/16	6
24	24		9010007-00	RING, RETAINING,EXTERNAL FOR 7/6	2
25	25		9009636-00	CLAMP, CABLE, FOR FLAT CABLE	1
26	26		9010161-00	CLIP,PVC HARNESS, FOR CABLE 5/8	1
27	27		1212405-00	CARD GUIDE,NYLON	12
28	28	E-IA-7014980-0-0	7014980-01	BASE,ENCLOSURE ASSY	1
29	29	E-IA-7016099-0-0	7016099-02	CREATED BY N211	1
30	30	E-AD-7015854-0-0	7015854-01	HOUSING/MODULE ASSY TAPE DRIVE(W	1

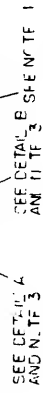
REVISION HISTORY			BASIC PART NO: 7017566		
ENG	ECO NUMBER	REV	SECTION A OF A	DRN: MARK PASCARELLI	DATE: 28-MAR-79
---	INITIAL	*	SECTION, VARIATION INDEX	CHK'D: R, VOWLES	DATE: 4-MAY-79
JT	7017566-MR001	A	(A) 00,01	DES,ENG,: DAVE SCHANIN	DATE: 14-NOV-79
			(B)	RESP,ENG,: DAVE SCHANIN	DATE: 14-NOV-79
			(C)	MFG,ENG,: MIKE MATHEWS	DATE: 14-NOV-79
			(D)	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:
			(E)	E-AD-7017566-0-0	B-DD-7017566-0-0
			(F)		
			TITLE: MONITOR ASSY, VT103		
			DOCUMENT NUMBER		
			SIZE:CODE: NUMBER: REV		
			K PL 7017566-0-DBP A		
			FILE NAME: EDIT #		
			Z0874A,PLS 33		
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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION	
					00	01
31	31	D-IA-7016756-0-0	7016756-2H	POWER CABLE TU58	-	1
32	32	D-IA-7011411-0-0	7011411-02	CONSOLE BACKPLANE CABLE	-	1
33	33	D-IA-7422759-0-0	7422759-00	LOGO,VT BLANK	1	1
34	34		9010135-00	SCREW,FLAT,SLOT 8-32X 1/2	4	4
35	35		9009157-00	ADH,LIQ,RM,TEMP CURING COLORLESS	A/R	A/R
36	36		9006659-00	WASHER, FLAT, .375 O.D, X .156 I	1	1
37	37		9010112-00	SCREW,TAPPING,TYPE B,HEX ,SLOT,	1	1
38	38	D-MD-7423988-0-0	7423988-00	STIFFENER, MODULE	-	1
39	39		9010221-00	CLIP,SNAPIN .270	-	1

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							MONITOR ASSY, VT103		K	PL	7017566-0-DBP	A

MR

10.55" REF.
267.97MM



NOTES: LE24 (ITEM 80) CAN BE EITHER THE 14
PIN DIP OR THE 8 PIN ROUND TOP.
2. M5, M6, Q18, R55, C46, Q17W2, R69, C52 R70 -
R73 AND Q8 ARE FOR FUTURE USE.
3. ASSURE THAT L2, L3 ARE UNBUSED
TOWARD E1 TO PREVENT INTERFERENCE WITH CARD

1 CHARACTERS		DATE	digital
DATE	TIME		
REC'D, BKG. R. DATA	21	6:00	TITLE V 1000
PROJECTING, M. P. A. 1	1	1	BASIC VIDEO
PROD. - P. 5552	1	1	
ITEMS	2	1	
UNIT	1		
NET WEIGHT 8.00	443653		
TYPE REV. 1-75			

NOTES: L2, L3 (ITEM 00) CAN BE EITHER THE 14
PIN DIP OR THE 8 PIN ROUND TOE,
2, W5, W6, D18, R55, C46, D17, W2, R69, C52, R70 -
R73 AND Q6 ARE FOR FUTURE USE.
3. ENSURE THAT L2, L3 ARE ORIENTED
TOWARD EACH OTHER TO PREVENT INTERFERENCE WITH CARD

AUTOMATED BY PRTLST.1D(11)

P A R T S L I S T

SHEET A1 OF A4

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION				REFERENCE DESIGNATOR
					03	04	05	99	
1	1	D-MD-5013009-0-0	5013008-00	VT100 BASIC VIDEO	1	1	1	1	
2	2		1000005-00	6.8 MMF 100V 5%200PPM MICA	1	1	1	1	C9
3	3		1000014-00	68.0 MMF 100V 5%200PPM MICA	1	1	1	1	C11
4	4		1000016-00	100.0 MMF 100V 5%200PPM MICA	2	2	2	2	C21,C54
5	5		1000076-00	39 MFD 10V 10% S.TANT	1	1	1	1	C10
6	6		1017472-00	10 MFD 35V +50-10% AL EL	3	3	3	3	C1,C2,C3
7	8		1010274-01	.22 MFD 50V +80-20% ZSU CER	13	13	13	13	C4-C6,C14,C15,C27-C29,C44,C45, CONT C55,C56,C59
8	9		1012784-00	.047 MFD 50V +80-20% CER	25	25	25	25	C7,C8,C13,C18,C19,C22,C24,C25, CONT C30-C43,C48-C50
9	10		1013466-12	2200.0 MMF 50V 10% X7R CER	1	1	1	1	C26
10	11		1100114-00	D 664 QS\75PCB PIV= 25V SP	11	11	11	11	D4-D8,D11-D16
11	12		1105796-00	1N 4004 PIV=400 I= 1A D041 SP	2	2	2	2	D9,D10
12	13		1109502-03	1N 4742A VZ= 12.0 5% 1W	1	1	1	1	D3
13	14		1110994-00	1N 751A VZ= 5.1 5% .40W	1	1	1	1	D1
14	15		1114974-00	1N 4741A VZ= 11.0 5% 1W	1	1	1	1	D2
15	16		1215006-06	SKT,IC 24PIN DIP TIN PLATE	5	5	5	5	XE9,XE40,XE45,XE52,XE56
16	17		1211666-00	SKT,IC 18PIN DIP GOLD PLATE	1	1	1	1	J2
17	18		1214063-01	HEADER.150 50POS STRAIGHT	1	1	1	1	J1
18	19		1214828-00	CONN, 25POS RCPT	1	1	1	1	J4
19	20		1214829-00	EDGE CARD 40POS RT ANGLE .12500	1	1	1	1	J3
20	21		1215048-01	CONN 7POS RT ANGLE	1	1	1	1	J5
21	22		1300005-07	R NETWORK 15-4.7K 5.0 % 16PIN	3	3	3	3	E8,E12,E59
22	23		1300219-00	68.0 .25 W 5.0 % CC	1	1	1	1	R40
23	24		1300229-00	100.0 .25 W 5.0 % CC	1	1	1	1	R34
24	25		1300250-00	150.0 .25 W 5.0 % CC	3	3	3	3	R51,R58,R74
25	26		1300271-00	220.0 .25 W 5.0 % CC	1	1	1	1	R41
26	27		1300295-00	330.0 .25 W 5.0 % CC	3	3	3	3	R1,R46,R47
27	28		1300315-00	470.0 .50 W 5.0 % CC	1	1	1	1	R11
28	29		1300316-00	470.0 .25 W 5.0 % CC	1	1	1	1	R21

REVISION HISTORY			BASIC PART NO: 5413009		DRN: T. SHETRAWSKI		DATE: 30-MAR-78		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: T. SHETRAWSKI		DATE: 11-MAR-78		TITLE PARTS LIST	
JD	5413009-PN010	N	SECTION.VARIATION INDEX						VT100 BASIC VIDEO	
---	5413009-MLO11	P	[A] 03,04,05,99							
RP	MLO12	R	[B]		DES.ENG: D. PUCCI		DATE: 30-MAR-78			
CJ	5413009-MLO13	S	[C]							
RP	5413009-MLO14	T	[D]							
RP	5413009-MLO15	U	[E]		RESP.ENG.: D. PUCCI		DATE: 30-MAR-78		DOCUMENT NUMBER	
RP	5413009-MLO16	V	[F]							
DP	5413009-MLO17	W	[H]						SIZE: CODE: NUMBER	
DP	5413009-MLO18	Y	[J]						REV	
JD	5413009-MLO19	Z	[K]		MFG.ENG.: T. CORCIARI		DATE: 30-MAR-78		K PL 5413009-0-08P AB	
RP	5413009-MLO20	AA	[L]							
NW	5413009-MLO21	AB	[M]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT #	
			[N]		E-UA-5413009-0-0		B-DD-5413009-0-0		MLO1AB.PLS 23	

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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER	VAR	99	REFERENCE DESIGNATOR
					03	04	05		
30	30		1300365-00	1.0 K .25 W 5.0 % CC	2	2	2	2	R36,R67
31	31		1300398-00	1.80 K .25 W 5.0 % CC	1	1	1	1	R31
32	32		1300417-00	2.20 K .25 W 5.0 % CC	5	5	5	5	R18,R20,R22,R23,R27
33	33		1300426-00	2.70 K .25 W 5.0 % CC	1	1	1	1	R7
34	34		1300447-00	4.70 K .25 W 5.0 % CC	1	1	1	1	R25
35	35		1300479-00	10.0 K .25 W 5.0 % CC	4	4	4	4	R2,R6,R12,R26
36	36		1301317-00	10.0 .25 W 5.0 % CC	1	1	1	1	R57
37	37		1301422-00	7.50 K .25 W 5.0 % CC	8	8	8	3	R59-R66
38	38		1301424-00	680.0 .25 W 5.0 % CC	1	1	1	1	R37
39	39		1301425-00	300.0 .25 W 5.0 % CC	1	1	1	1	R50
40	40		1301475-00	1.10 K .25 W 5.0 % CC	1	1	1	1	R32
41	41		1301874-00	5.60 K .25 W 5.0 % CC	1	1	1	1	R9
42	42		1301972-00	270.0 .25 W 5.0 % CC	1	1	1	1	R38
43	43		1302379-00	75.0 .25 W 5.0 % CC	4	4	4	4	R35,R45,RS2,R54
44	44		1302391-00	20.0 K .25 W 5.0 % CC	2	2	2	2	R43,R48
45	45		1303178-00	620.0 .25 W 5.0 % CC	1	1	1	1	R49
46	46		1303187-00	820.0 K .25 W 5.0 % CC	1	1	1	1	R8
47	47		1304833-00	1.96 K .25 W 1.0 % RN550-F10	1	1	1	1	R15
48	48		1313580-00	350.0 .25 W 5.0 % CC	1	1	1	1	R39
49	49		1314673-00	35.0 .25 W 5.0 % CC	1	1	1	1	R53
50	50		1501913-00	2N 2904A PNP 600MW SI 60 40 Y	3	3	3	3	Q2,Q3,Q4
51	51		1503409-00	DEC6534D PNP 310MW SI 40 90	1	1	1	1	Q1
52	52		1509524-00	2N 3904 NPN 310MW SI 40 40 M	1	1	1	1	Q5
53	53		1810694-06	XTAL 24.8832 MHZ	1	1	1	1	Y1
54	54		1814830-00	OSCILLATOR, XTAL 24.073 MHZ	1	1	1	1	E2
55	55		1909686-00	7404 INVERTER GATE-HEX 1I	1	1	1	1	E38
56	56		1909928-00	7416 INVERTER GATE-HEX 1I	2	2	2	2	E14,E18
57	57		1909929-00	7417 BUFFER GATE-HEX 1INP	1	1	1	1	E29
58	58		1910236-00	DEC 7426 NAND GATE-QUAD 2IN,0	1	1	1	1	E7
59	59		1910322-00	DEC 1488L DRIVER,LINE,QUAD,EI	1	1	1	1	E39
60	60		1912847-00	LS157 MUX 1 OF 2(QUAD)	1	1	1	1	E1
61	61		1912697-00	LS174 FF-D HEX W/CLEAR	2	2	2	2	E49,E61
62	62		1912799-00	LS00 NAND-GATE-QUAD 2IN,P	2	2	2	2	E23,E34
63	63		1912803-00	74LS04 INVERTER GATE,HEX	1	1	1	1	E19
64	64		1912815-00	LS30 NAND GATE-SINGLE 8IN	1	1	1	1	E3
65	65		1912818-00	LS38 NAND BUFFER-QUAD 2IN	1	1	1	1	E28
66	66		1912824-00	LS74 FF-D DUAL EDGE TRIGG	2	2	2	2	E13,E22
67	67		1912842-00	LS138 DECODER-THREE INPUT,	1	1	1	1	E27
68	68		1912843-00	LS139 DECODER, 2 OF 4(DUAL	1	1	1	1	E31
69	69		1912854-00	LS193 COUNTER,SYNCHR,4BIT,	3	3	3	3	E21,E26,E30
70	70		1912863-00	LS273 FF-D OCTAL W/CLEAR	2	2	2	2	E16,E20
71	71		1913105-00	PB 8224C DRIVER/GEN CLOCK F	1	1	1	1	E32
72	72		1913109-00	8228 BUFFER,DATA BASE FOR	1	1	1	1	E35
73	73		1913130-00	DEC 1489A RECEIVER,LINE,QUAD,	2	2	2	2	E37,E44
74	74		1914084-00	74S299 SHIFT REG.,8BIT RIGH	1	1	1	1	E10
75	75		1914156-00	LM 393 VOLT.COMPARATOR DUAL	1	1	1	1	E48
76	76		1914213-00	81LS97 BUFFER GATE-OCTAL 2I	4	4	4	4	E15,E41,E42,E58
			1914214-00	LS374 FF-D OCTAL EDGE TRIG	2	2	2	2	E26,E33

D	I	G	I	T	A	L	TITLE	VT100 BASIC VIDEO	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	S413009-0-DBP	AS

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION				REFERENCE DESIGNATOR
					03	04	05	99	
77	81		1914423-01	CUSTOM LSI-BIPOLAR LS	1	1	1	1	E6
78	82		1914424-01	CUSTOM LSI-BIPOLAR L	1	1	1	1	E5
79	83		2112623-02	DUAL BAUD RATE GEN/PROG DIVIDER	1	1	1	1	E60
80	84		2113106-01	1K MOS RAM 250NS	2	2	2	2	E11,E17
81	85		2113107-01	P 8251A PUSART COMM. INTERFA	1	1	1	1	E43
82	86		2113108-01	8080A-1 MICROPROCESSOR UNIT	1	1	1	1	E35
83	87		2113937-00	UART 125K BUAD	1	1	1	1	E55
84	88		2114212-00	P 2114-2 RAM 1024X4,STATIC	6	6	6	6	E46,E47,E50,E51,E53,E54
85	89		2114524-01	ROM 100X14BIT,ERASABLE,	1	1	1	1	E24
86	90		23018E2-00	E2-03	1	1	1	1	E4
87	91		7424901-01	BRACKET,GROUNDING,EIA CONNECTOR	1	1	1	1	
88	92		9006732-00	EYELET,ROLL FLANGE .1210DX .219	3	3	3	3	
89	93		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	4	4	4	4	W1,W3,W4,W7
90	94		23061E2-00	E2-02	1	-	-	-	E56
91	95		23032E2-00	E2-02	1	-	-	-	E52
92	96		23033E2-00	E2-02	1	-	-	-	E45
93	97		23034E2-00	E2-02	1	-	-	-	E40
94	98		1001610-00	.01 MFD 50V +80-20% Z5U CER	4	4	4	4	C16,C17,C23,C51
95	99		1301320-00	1.20 K .25 W 5.0 % CC	1	1	1	1	R30
96	100		1301322-00	180.0 .25 W 5.0 % CC	1	1	1	1	R33
97	101		1301477-00	82.0 .25 W 5.0 % CC	1	1	1	1	R42
98	102		1300202-00	47.0 .25 W 5.0 % CC	1	1	1	1	R44
99	103		1303155-00	21.50 K .25 W 1.0 % RN55D-F10	1	1	1	1	R10
100	104		1309412-00	18.20 K .25 W 1.0 % RN55D-F10	1	1	1	1	R13
101	105		1609620-00	2.2 UH #RFS2.2	1	1	1	1	L1
102	106		1002608-00	18.0 MMF 100V 55200PPM MICA	1	1	1	1	C53
103	107		1013466-05	56.0 MMF 50V 5% CER	1	1	1	1	C47
104	108		23180E2-00	E2-02	-	1	1	-	E56
105	109		23181E2-00	E2-02	-	1	1	-	E52
106	110		23182E2-00	E2-02	-	1	1	-	E45
107	111		23183E2-00	E2-02	-	1	1	-	E40
108	112		1215006-07	SKT,IC 28PIN DIP TIN PLATE	1	1	1	1	XE6
109	113		23094E2-00	E2-03,E2-04	-	-	1	-	E9
110	114	A-SP-3700553-0-0	3700553-00	PKG MODULE 5413009	REF	REF	REF	REF	
111	115	A-SP-3700428-0-0	3700428-00	INSTR PKG. BULK CARTON 99-06476-	REF	REF	REF	REF	
112	116		1300005-03	R NETWORK 13-10K 5.0 % 14PIN	1	1	1	1	E57
113	117		1000021-00	220.0 MMF 100V 5%200PPM MICA	1	1	1	1	C57
114	118		9107560-01	WIRE,BUSS,22AWG	A/R	A/R	A/R	A/R	
115	119		1013466-24	47.0 MMF 50V 5% CER	3	3	3	3	C61,C58,C60
116	120		1013466-19	470.0 MMF 50V 5% CER	1	1	1	1	C20
117	121		1618238-02	BEAD,FERRITE .1380DX.330LG	6	6	6	6	L4-L9
118	122		1618437-00	BEAD,FERRITE .2360DX.394LG	3	3	3	3	L2,L3,L10

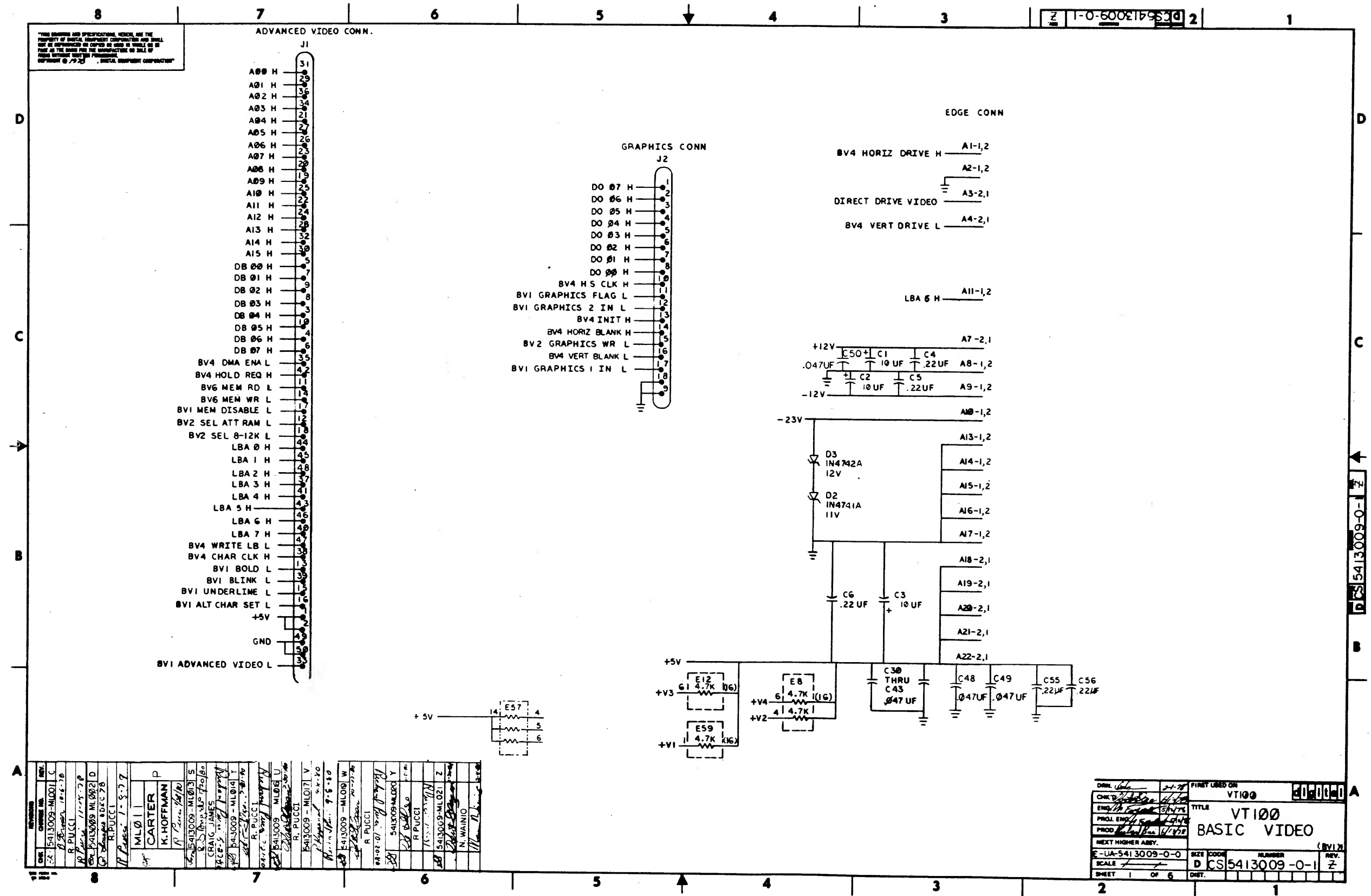
119 NOTE: FOR INDIVIDUAL FIELD SERVICE/CUSTOMER SPARES SHIPMENTS USE PACKAGING INSTRUCTION, A-SP-3700553-0-0;

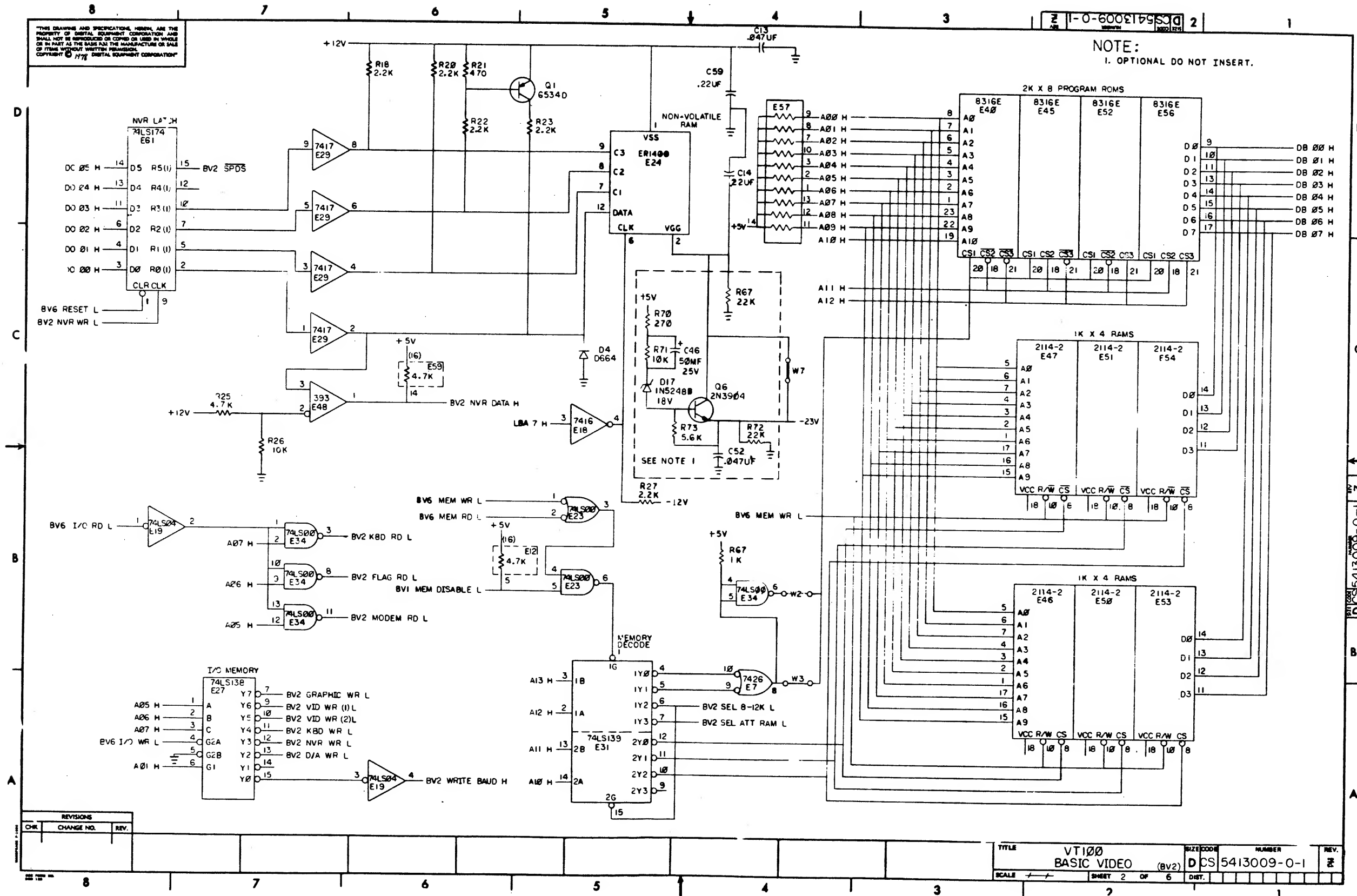
D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							VT100 BASIC VIDEO		K	PL	5413009-0-DBP	A8

LINE ITEM DOCUMENT NUMBER PART NUMBER DESCRIPTION QTY PER VARIATION.
03 04 05 99 REFERENCE DESIGNATOR

120 NOTE: FOR BULK INTERPLANT SHIPMENTS USE PACKAGING INSTRUCTION, A-SP-3700428-0-0 VARIATION -02
121 NOTE: L2 REQUIRES THE INSERTION OF 1.5 TURNS OF 22 AWG BUSS WIRE SEE DETAIL ON E-UA-5413009-C-0.
122 NOTE: L3 AND L10 REQUIRES THE INSERTION OF 2.5 TURNS OF 22 AWG BUSS WIRE
123 NOTE: SEE DETAIL ON E-UA-5413009-0-0.

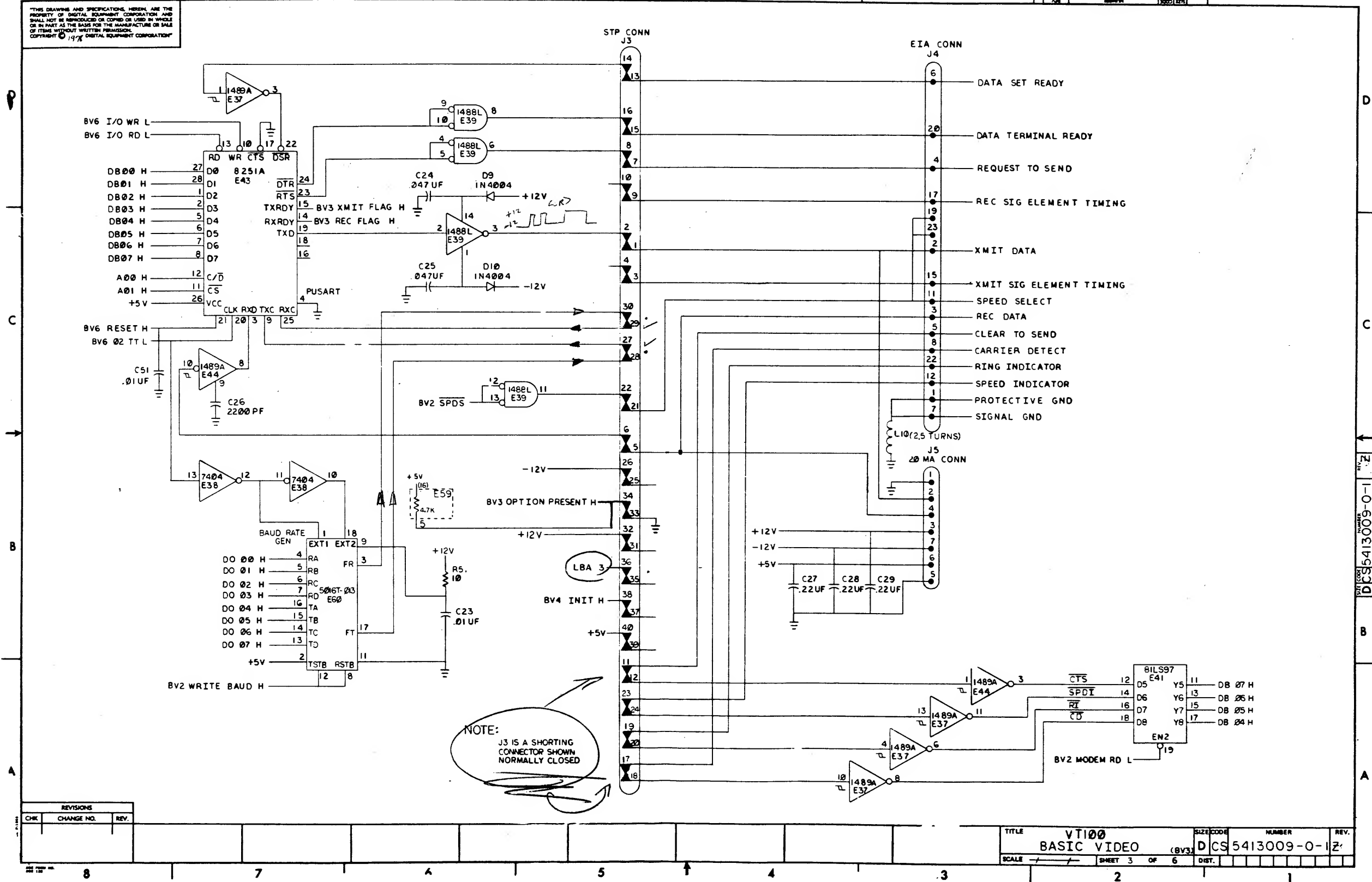
D	I	G	I	T	A	L	TITLE	VT100 BASIC VIDEO	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5413009-0-DBP	AB





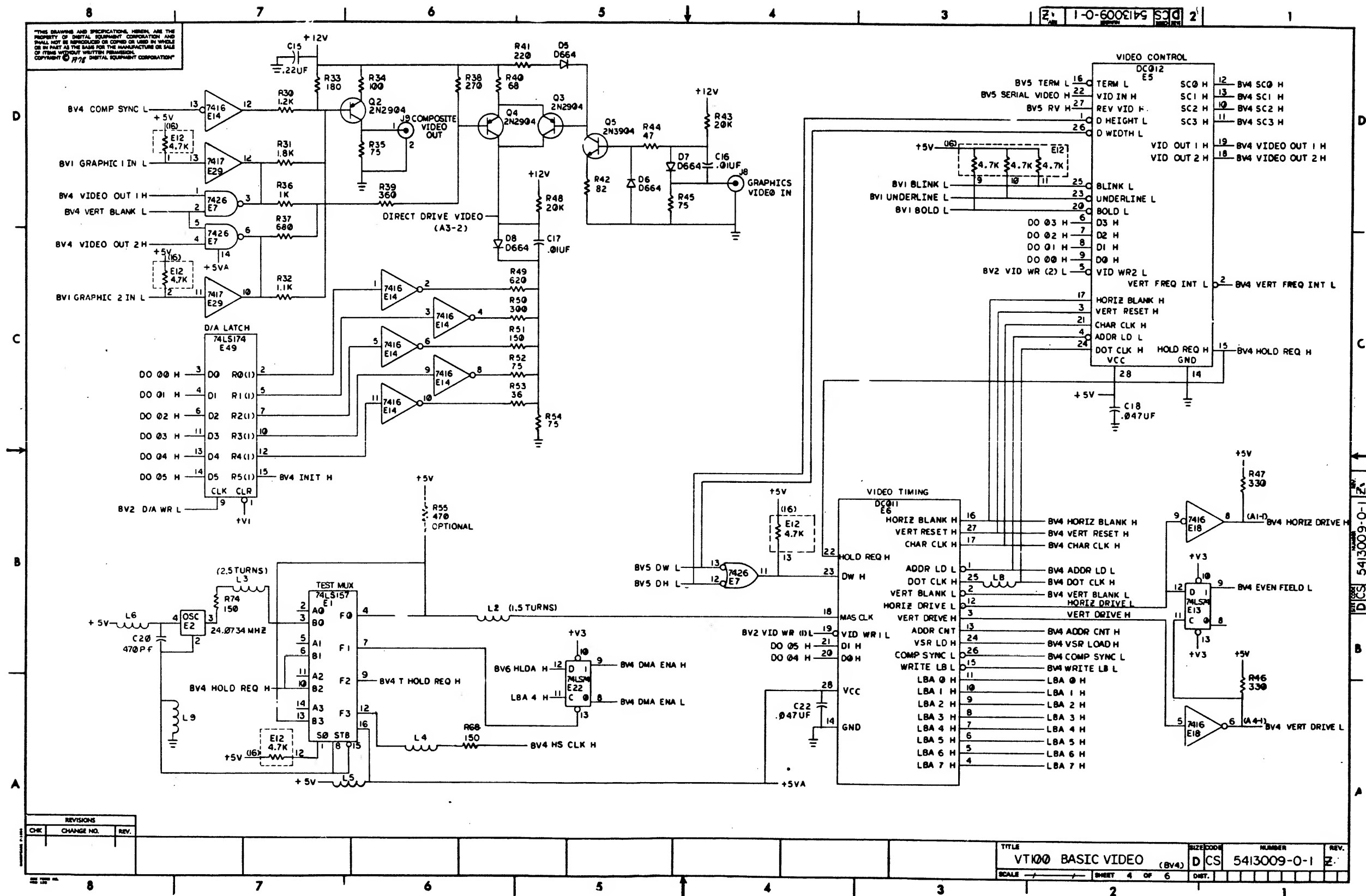
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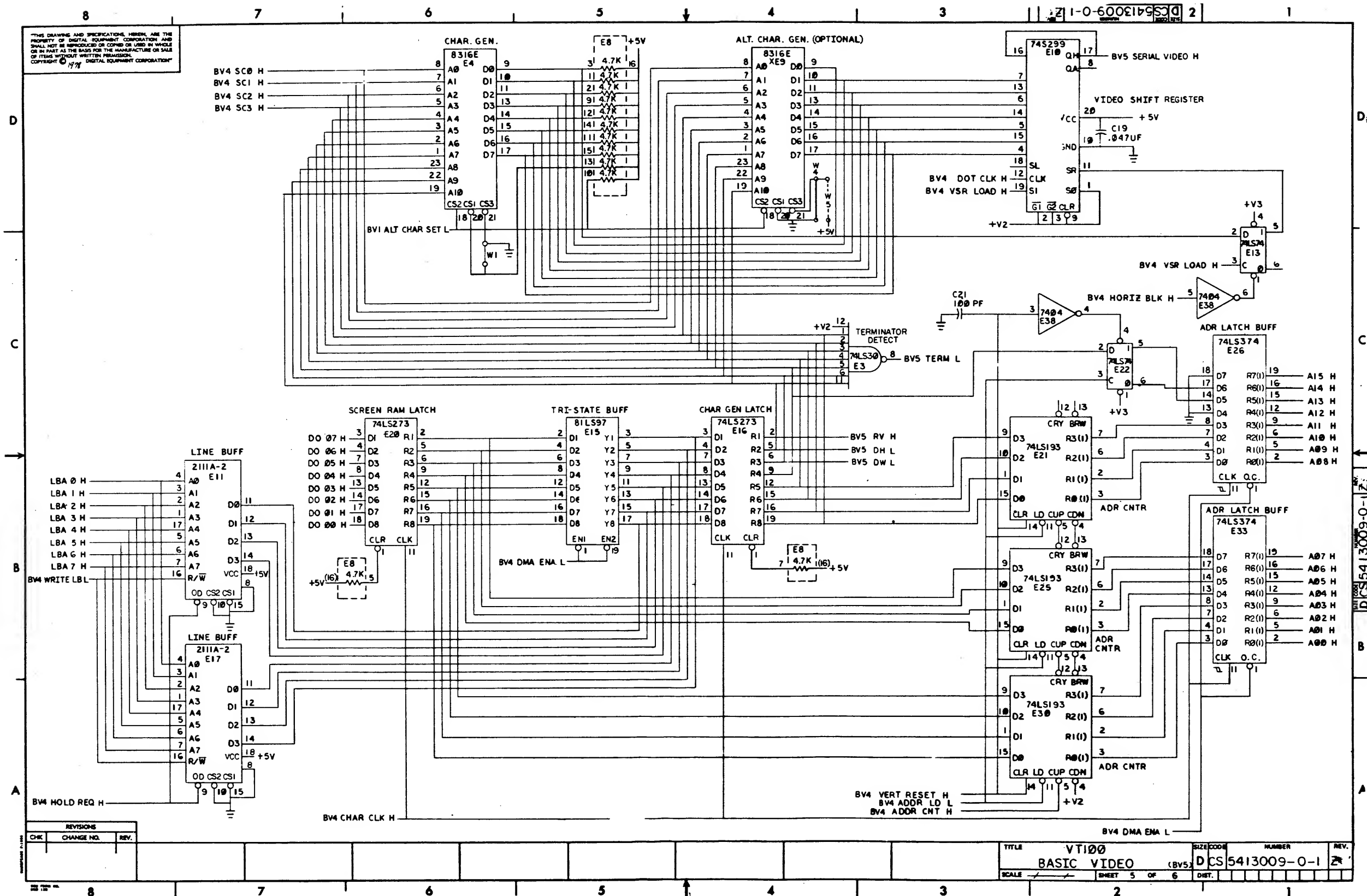
1-0-600917-2



REVISIONS		
CHK	CHANGE NO.	REV.

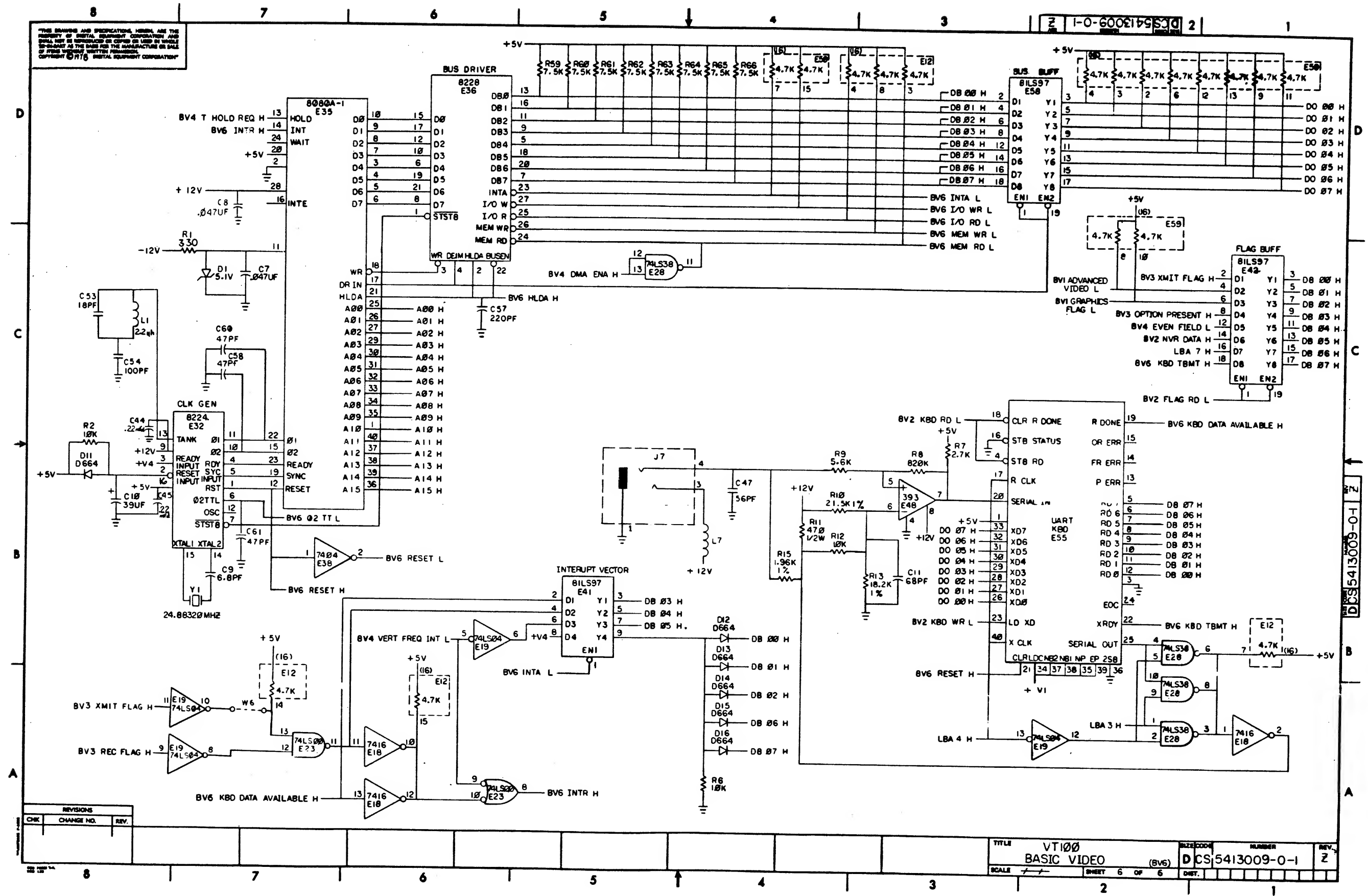
TITLE		SIZE CODE	NUMBER	REV.
VT100 BASIC VIDEO (BV3)		D	CS 5413009-0-1Z	
SCALE	SHEET 3 OF 6	DIST.		





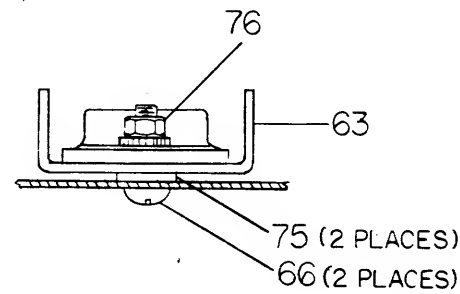
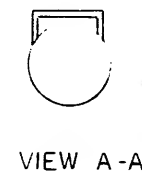
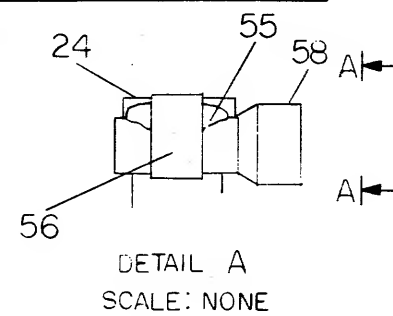
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2 1-0-600913009-0-1 2

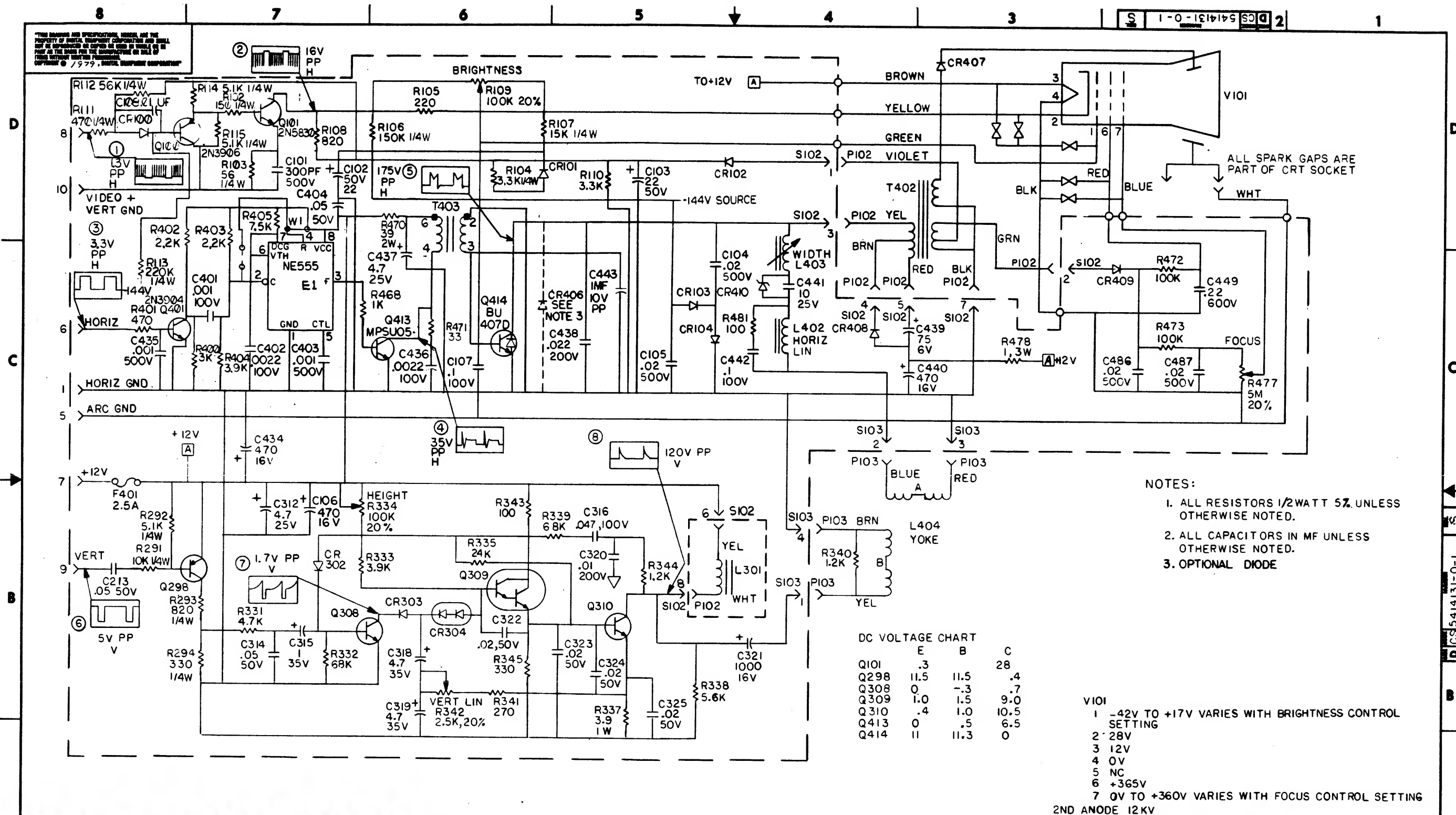


REV.	CHANGE NO.	REV.
1	1	1

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REV.	DATE	BY	CHKD.	APP'D.
1	1-15-60	R. PUCCI	R. PUCCI	R. PUCCI
2	1-15-60	R. PUCCI	R. PUCCI	R. PUCCI
3	1-15-60	R. PUCCI	R. PUCCI	R. PUCCI
4	1-15-60	R. PUCCI	R. PUCCI	R. PUCCI
5	1-15-60	R. PUCCI	R. PUCCI	R. PUCCI
6	1-15-60	R. PUCCI	R. PUCCI	R. PUCCI
7	1-15-60	R. PUCCI	R. PUCCI	R. PUCCI
8	1-15-60	R. PUCCI	R. PUCCI	R. PUCCI

ORNL P. Miller	1 MAR 60	FIRST USED ON	VT100
CHKD. R. Pucchi	1 MAR 60	TITLE	VT100 MONITOR
ENGR. R. Pucchi	1 MAR 60	SCALE	D
PROD. ENG. R. Pucchi	1 MAR 60	NUMBER	CS 5414131-0-1
PROD. R. Pucchi	1 MAR 60	REV.	S
NEXT HIGHER ASSY.			
D-UA-5414131-0-C	SIZE	CODE	NUMBER
SCALE	D	CS 5414131-0-1	REV. S
SHEET 1	OF 1	DIST.	

AUTOMATED BY PRTLST.3P(44)

PARTS LIST

SHEET A1 OF A3

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION		REFERENCE DESIGNATOR
					00	01	
1	1	E-MD-5014130-0-0	5014130-00	DRILLED AND ETCH BOARD FOR VT100	1	1	
10	10		1016544-00	.1 MFD 100V 10% MYLR	2	2	C107,C442
11	11		1016546-00	.22 MFD 660V 10% MET. MYLR	1	1	C449
12	12		1016569-00	.0022 MFD 100V 10% MYLR	2	2	C436,C402
13	13		1016639-00	.01 MFD 200V 10% MYLR	1	1	C320
14	14		1016547-00	.022 MFD 200V 10% MYLR	1	1	C438
15	15		1016548-00	1000 MFD 16V +50-10% AL EL	1	1	C321
16	16		1010274-02	1 MFD 50V +80-20% CER	1	1	C443
17	17		1016555-00	22 MFD 50V +50-10% AL EL	2	2	C102,C103
18	18		1016496-00	4.7MFD 35V 20% S.TANT	2	2	C318,C319
19	19		1016554-00	75 MFD 6V +75-10% AL EL	1	1	C439
20	20		1016553-00	4.7MFD 25V +75-10% AL EL	2	2	C312,C437
21	21		1016558-00	10 MFD 25V 20% AL EL	1	1	C441
22	22		1016557-00	470 MFD 16V +50-10% AL EL	3	3	C106,C434,C440
23	23		1016556-00	.05 MFD 100V +80-20%Z5U DISC	3	3	C213,C314,C404
24	24		1016570-00	.001 MFD 500V +80-20%Z5U DISC	2	2	C435,C403
25	25		1016571-00	.02 MFD 500V +80-20%Z5U DISC	4	4	C104,C105,C486,C487
26	26		1016572-00	300.0 MMF 500V 10% XSP DISC	1	1	C101
27	27		1000004-00	.02 MFD 100V 20% Z5U DISC	4	4	C322,C323,C324,C325
28	28		1116474-00	1N 4007 PIV=1000 I=1A D041	4	4	CR101,CR102,CR103,CR104
29	29		1116477-00	1N 4156 PIV= 20 D035	1	1	CR304
30	30		1114892-00	1N 4747A VZ= 20.0 5% 1W	1	1	CR410
31	31		1116476-00	PIV=400	1	1	CR408
32	32		1216530-04	MAGNET PINCUSHION 10 GAUSS	1	1	
33	33	SEE NOTE	1003053-00	.047 MFD 250V 20% MET. MYLR	1	1	C316
34	34		1316522-00	2.50 K .25 W20.0 % POT	1	1	R342
35	35		1316522-02	5.0 M .25 W20.0 % POT	1	1	R477
36	36		1316522-01	100.0 K .25 W20.0 % POT	2	2	R109,R334
37	37		1317528-00	39.0 2.0 W10.0 % CC	1	1	R470
38	38		1300479-00	10.0 K .25 W 5.0 % CC	1	1	R291

REVISION HISTORY		BASIC PART NO: 5414131		DRN: KENT GLEEZEN	DATE: 24-MAR-81	D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: KENT GLEEZEN		TITLE PARTS LIST	
---	INITIAL	P	SECTION VARIATION INDEX	DATE: 24-MAR-81		VT100 MONITOR	
DP	5414131-ML007	R	[A] 00,C1	DES.ENG: DICK PUCCI		DOCUMENT NUMBER	
DP	5414131-ML008	S	[B]	DATE: 24-MAR-81		SIZE CODE NUMBER REV	
			[C]	RESP.ENG.: DICK PUCCI		K PL 5414131-0-DBP S	
			[D]	DATE: 24-MAR-81		ASSEMBLY NUMBER: TOP DOCUMENT NUMBER: FILE NAME: EDIT #	
			[E]	MFG.ENG.: AL JOHNS		D-UA-5414131-0-0 B-DD-5414131-0-0 22387S.PLS 11	
			[F]	ASSEMBLY NUMBER:			
			[G]	D-UA-5414131-0-0			
			[H]				
			[I]				
			[J]				
			[K]				
			[L]				
			[M]				
			[N]				

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SHEET A2 OF A3

LINE ITEM		DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00	01	
31	31		1300445-00	4.70 K .50 W 5.0 % CC	1	1	R331
32	32		1316504-00	68.0 K .50 W 5.0 % CC	1	1	R332
33	33		1300385-00	1.20 K .50 W 5.0 % CC	1	1	R344
34	34		1316506-00	100.0 K .50 W 5.0 % CC	2	2	R472, R473
35	35		1316508-00	5.60 K .50 W 5.0 % CC	1	1	R338
36	36		1316509-00	3.90 1.0 W 5.0 % CC	1	1	R337
37	37		1302396-00	150.0 K .25 W 5.0 % CC	1	1	R106
38	38		1300228-00	100.0 .50 W 5.0 % CC	2	2	R481, R343
39	39		1300364-00	1.0 K .50 W 5.0 % CC	1	1	R468
40	40		1300296-00	330.0 .50 W 5.0 % CC	1	1	R345
41	41		1300356-00	820.0 .50 W 10.0 % CC	1	1	R108
42	42		1300461-00	6.80 K .50 W 5.0 % CC	1	1	R339
43	43		1300440-00	3.30 K .50 W 5.0 % CC	1	1	R110
44	44		1300496-00	15.0 K .25 W 5.0 % CC	1	1	R107
45	45		1300274-00	220.0 .50 W 5.0 % CC	1	1	R105
46	46		1300285-00	270.0 .50 W 5.0 % CC	1	1	R341
47	47		1316525-00	1.0 3.0 W 10.0 % WW	1	1	R478
48	48		1509525-00	2N 3906 PNP 310MW SI 40100 Y	1	-	Q298
			CONT		-	2	Q298, Q100
49	49		1516492-00	2N 5830 NPN 1W SI100 1	1	1	Q101
50	50		1509524-00	2N 3904 NPN 310MW SI 40 40 M	2	2	Q308, Q401
51	51		1516491-00	2N 6427 NPN 1.5W SI 40 1.5	1	1	Q309
52	52		1516532-00	NPN 125W SI250 25	1	1	Q310
53	53		1516490-00	MPSU05 NPN 10W SI	1	1	Q413
54	54		1517534-00	BU 407D NPN POWER TRANS TO220	1	1	Q414
55	55		4901303-00	WAX	A/R	A/R	
56	56		9107685-00	TUBING, SHRINK 1/2 DIA. EXP UL	A/R	A/R	
57	57		1616309-00	XFMR, HORIZONTAL DRIVE	1	1	T403
58	58		1616538-00	COIL, HORIZONTAL, LINEAR	1	1	L402
59	59		1616536-00	XFMR, HORIZONTAL WIDTH	1	1	L403
60	60		1210929-05	FUSE, SUB-MINI 2.500A, 125V, A	1	1	F401
61	61		1216521-01	HEADER 4POS	1	1	S102
62	62		1216521-00	HEADER 4POS	1	1	S103
63	63		1216471-00	HEAT SINK, BOTTOM ONLY	1	1	
64	64		1217561-00	HEAT SINK, TO-220, YELLOW CHROMATE	1	1	
65	65		4901304-00	COMPOUND, SILICONE THERMAL, VISC	A/R	A/R	
66	66		9006022-01	SCREW, PAN, PHIL 6-32X 3/8 SS	2	2	
67	67		1001776-00	1 MFD 35V 10% S. TANT	1	1	C315
68	68		1304837-00	24.0 K .25 W 5.0 % CC	1	1	R335
69	69		1300315-00	470.0 .50 W 5.0 % CC	1	1	R401
70	70		1300415-00	2.20 K .50 W 5.0 % CC	2	2	R402, R403
71	71		1300443-00	3.90 K .50 W 5.0 % CC	2	2	R404, R333
72	72		1300467-00	7.50 K .50 W 5.0 % CC	1	1	R405
73	73		1000042-00	1000.0 MMF 100V 5%200PPM MICA	1	1	C401
74	74		1911944-00	555CN TIMER, FUNCT. BLOCK	1	1	E1
75	75		9006659-00	WASHER, FLAT, .375 O.D. X .156 I	2	2	
76	76		9008185-00	NUT, KEP 6-32X 1/4 AF	3	3	
77	77		1300197-00	33.0 .25 W 5.0 % CC	1	1	R471

D	I	G	I	T	A	L	TITLE	VT100 MONITOR	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5414131-0-DBP	S

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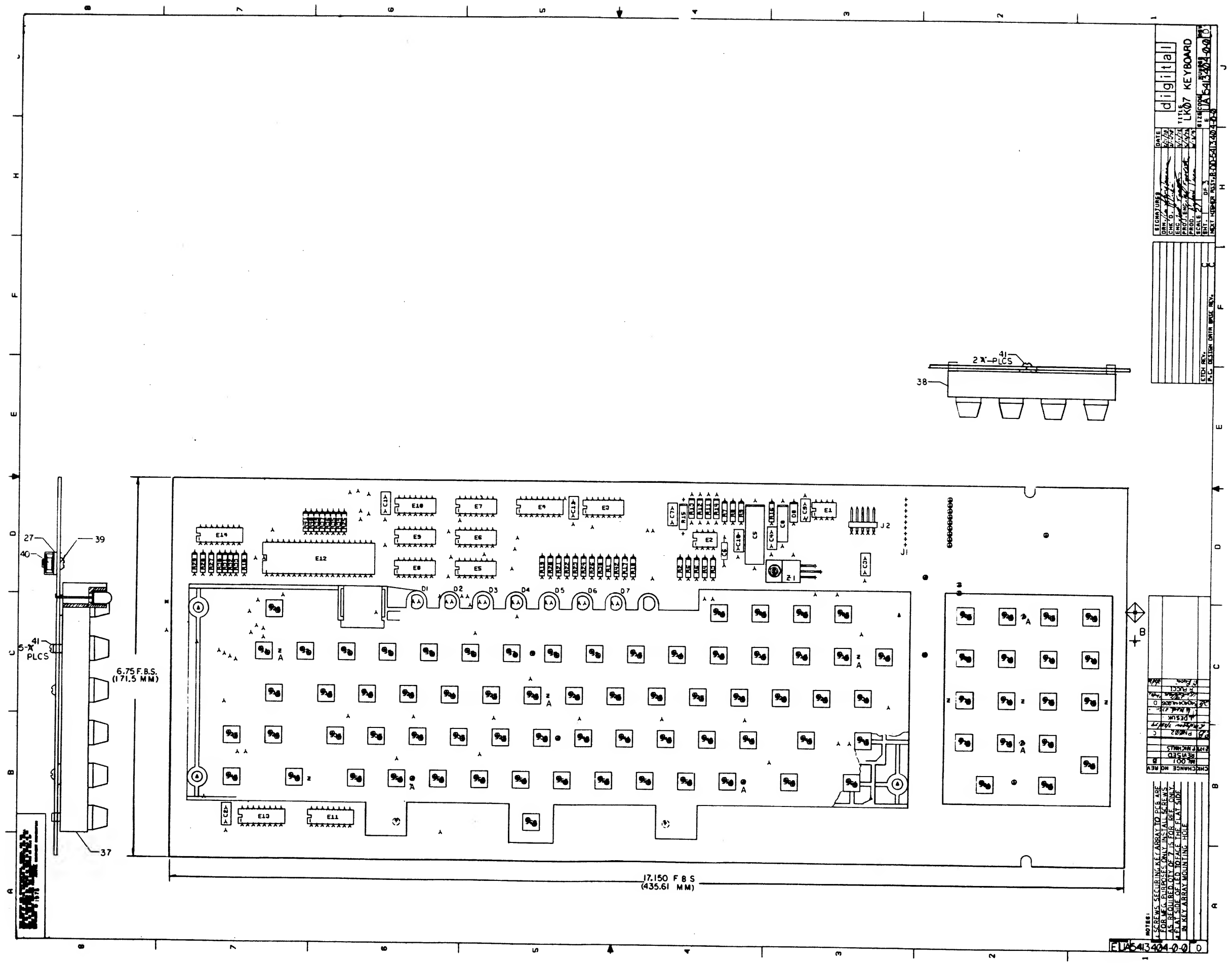
PARTS LIST

SHEET A3 OF A3

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER	VARIATION	REFERENCE DESIGNATOR
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78	78		1300432-00	3.0 K .25 W 5.0 % CC	1	1		R400
79	79		1300439-00	3.30 K .25 W 5.0 % CC	1	1		R104
80	80		1301775-00	820.0 .25 W 5.0 % CC	1	1		R293
81	81		1300295-00	330.0 .25 W 5.0 % CC	1	1		R294
82	82		9107776-99	WIRE(WRAP)22AWG,IPVC UL1429 WH A/R	1	1		W1
83	83		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	1	1		R102,R103
84	84		1302602-00	56.0 .25 W 5.0 % CC	2	1		R103
			CONT		-	1		R102
85	85		1300250-00	150.0 .25 W 5.0 % CC	-	1		R111
86	86		1300316-00	470.0 .25 W 5.0 % CC	-	1		R112
87	87		1302395-00	56.0 K .25 W 5.0 % CC	-	1		R113
88	88		1302092-00	220.0 K .25 W 5.0 % CC	1	1		R292
89	89		1312930-00	5.10 K .25 W 5.0 % CC	1	1		R292,R114,R115
			CONT		-	3		C108
90	90		1001610-00	.01 MFD 50V +80-20% Z5U CER	-	1		CR302,CR303
91	91		1116475-00	1N 4148 PIV= 75 D035	2	1		CR302,CR303,CR100
			CONT		-	3		CR409
92	92		1111854-01	MR 817 PIV=800 I= 1A D041 S	1	1		

93 NOTE: P/N 1000051-00 CAN BE USED AS AN ALTERNATE FOR P/N 1003053-00.

D	I	G	I	T	A	L	TITLE	VT100 MONITOR	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5414131-0-DBP	S



NOTE:
1. SCREWS SECURING KEY ARRAY TO PCB ARE
2. 1/8" DIA. AND 1/2" LONG. (SEE FIG. 2)
3. AS REQUIRED FOR THE KEY ARRAY.
4. FLAT SIDE OF LED TO FACE THE FLAT SIDE
5. IN KEY ARRAY MOUNTING HOLE.

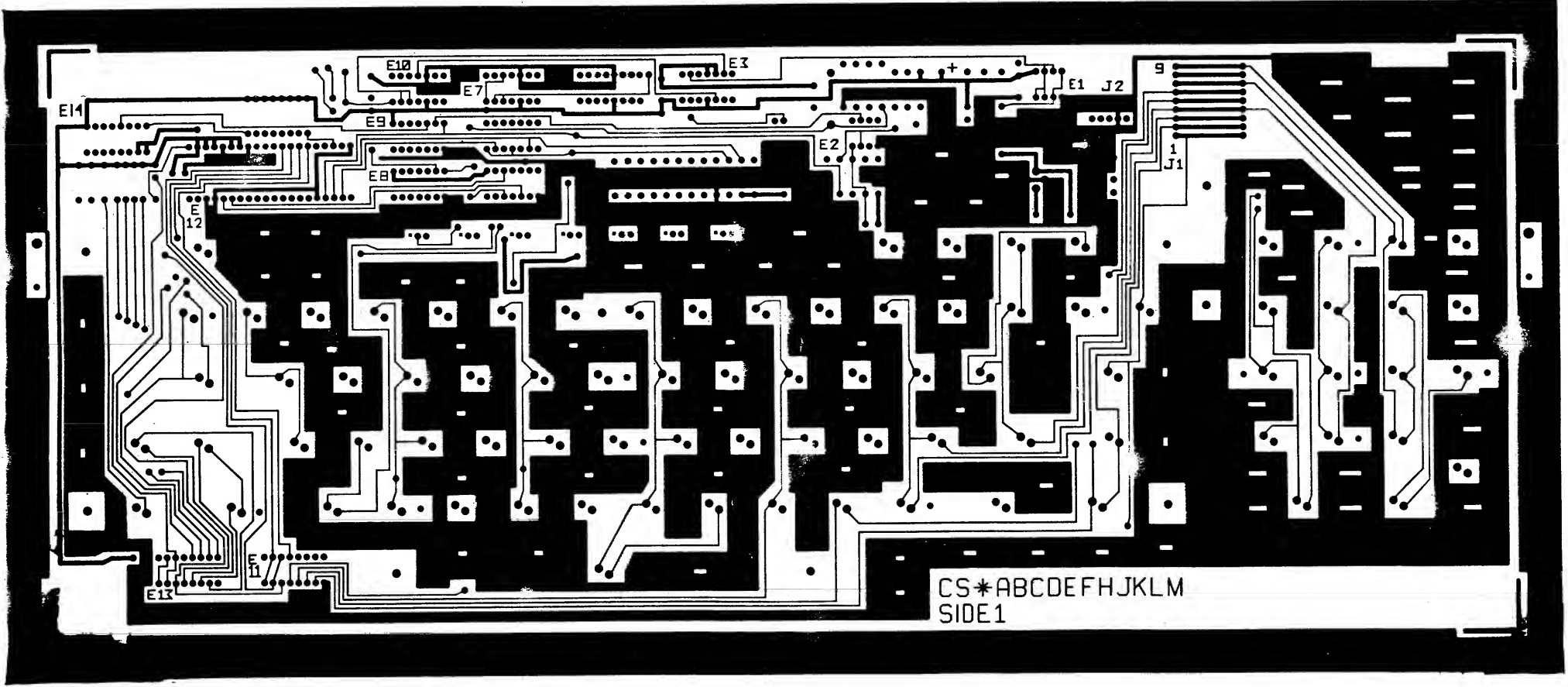
REV.	DESCRIPTION	DATE	BY	CHK'D
1	INITIAL DESIGN	11/2/79	W. J. HARRIS	W. J. HARRIS
2	DESIGN CHANGES	11/2/79	W. J. HARRIS	W. J. HARRIS
3	DESIGN CHANGES	11/2/79	W. J. HARRIS	W. J. HARRIS
4	DESIGN CHANGES	11/2/79	W. J. HARRIS	W. J. HARRIS
5	DESIGN CHANGES	11/2/79	W. J. HARRIS	W. J. HARRIS
6	DESIGN CHANGES	11/2/79	W. J. HARRIS	W. J. HARRIS
7	DESIGN CHANGES	11/2/79	W. J. HARRIS	W. J. HARRIS
8	DESIGN CHANGES	11/2/79	W. J. HARRIS	W. J. HARRIS
9	DESIGN CHANGES	11/2/79	W. J. HARRIS	W. J. HARRIS
10	DESIGN CHANGES	11/2/79	W. J. HARRIS	W. J. HARRIS

ETCHED	DATE	BY	CHK'D
11/2/79	11/2/79	W. J. HARRIS	W. J. HARRIS
11/2/79	11/2/79	W. J. HARRIS	W. J. HARRIS
11/2/79	11/2/79	W. J. HARRIS	W. J. HARRIS
11/2/79	11/2/79	W. J. HARRIS	W. J. HARRIS
11/2/79	11/2/79	W. J. HARRIS	W. J. HARRIS
11/2/79	11/2/79	W. J. HARRIS	W. J. HARRIS
11/2/79	11/2/79	W. J. HARRIS	W. J. HARRIS
11/2/79	11/2/79	W. J. HARRIS	W. J. HARRIS
11/2/79	11/2/79	W. J. HARRIS	W. J. HARRIS

digital
LK07 KEYBOARD
11/2/79
W. J. HARRIS

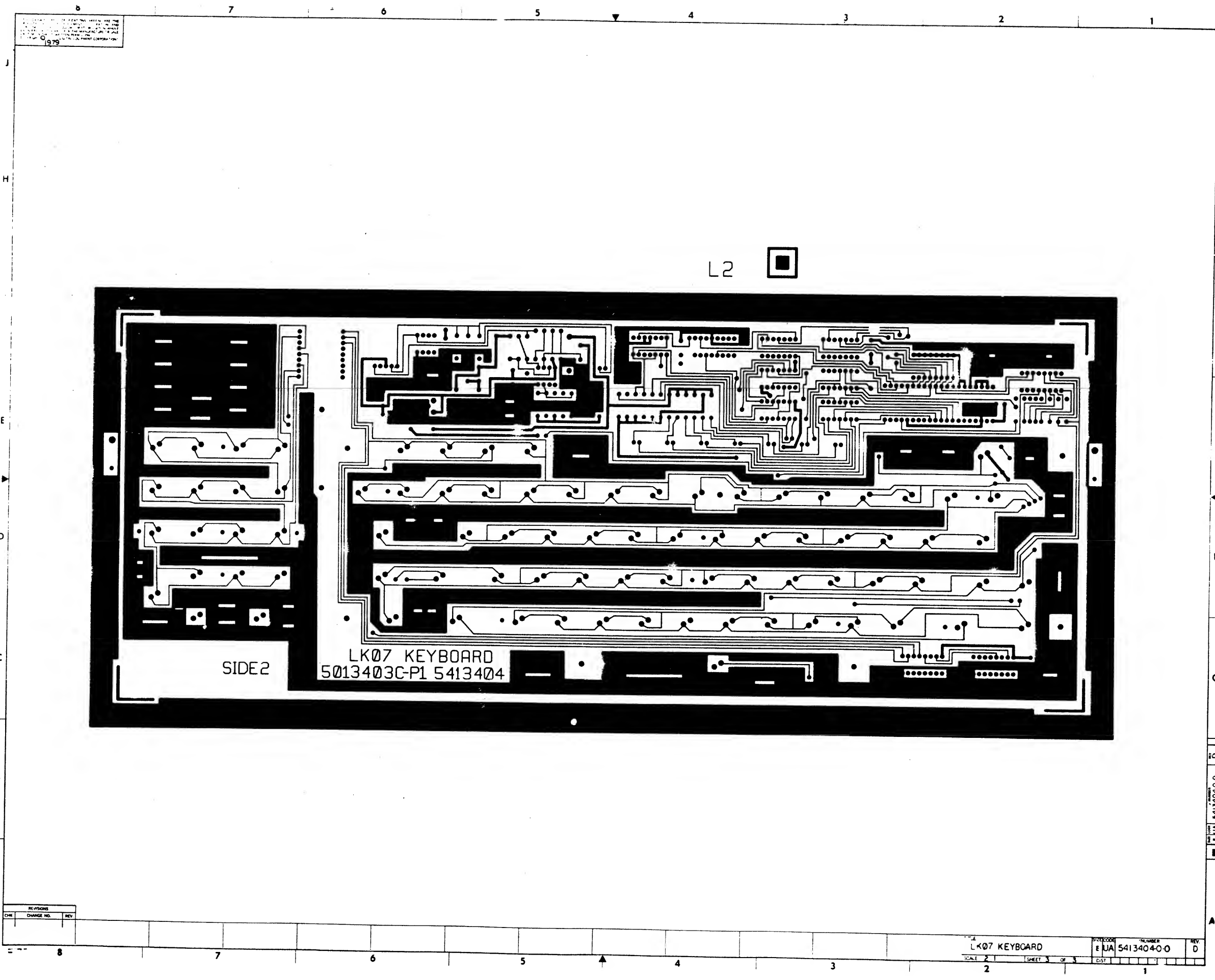
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5413404
5013403C-PI L1



REVISIONS		
NO.	DESCRIPTION	DATE
1	INITIAL DESIGN	10/1/79

TITLE		NUMBER		REV	
LK07 KEYBOARD		EUA		5413404-0-0	
SCALE 2:1		SHEET 2 OF 3		D	



1979

REVISIONS		
CHG	CHANGE NO.	REV

LK07 KEYBOARD		EUA 5413404-0-0		REV. D
SCALE 2	SHEET 3 OF 3	DIST		

SHEET A1 OF A2

REFERENCE DESIGNATOR

REVISION HISTORY			BASIC PART NO: 5413404		DRN: T SHETRAWSKI		DATE: 23-JUL-79		D I G I T A L	
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: T SHETRAWSKI		DATE: 23-JUL-79		TITLE PARTS LIST	
RP	5413404-MLO01	B	SECTION VARIATION INDEX		CHK'D: T SHETRAWSKI		DATE: 23-JUL-79		VT100 FULL KEYBOARD	
J.D	5413404-PN002	C	[A] 00		*****		*****		*****	
J.B	5413404-PN003	D	[B]		DES.ENG: M MORGESTERN		DATE: 23-JUL-79		*****	
CJ	5413404-MLO04	E	[C]		*****		*****		*****	
CJ	5413404-MLO05	F	[D]		RESP.ENG.: M MORGESTERN		DATE: 23-JUL-79		*****	
			[E]		*****		*****		*****	
			[F]		MFG.ENG.: T CORCIARI		DATE: 23-JUL-79		*****	
			[H]		*****		*****		*****	
			[J]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		*****	
			[K]		D-UA-5413404-D-0		*****		*****	
			[L]		*****		*****		*****	
			[M]		*****		*****		*****	
			[N]		*****		*****		*****	

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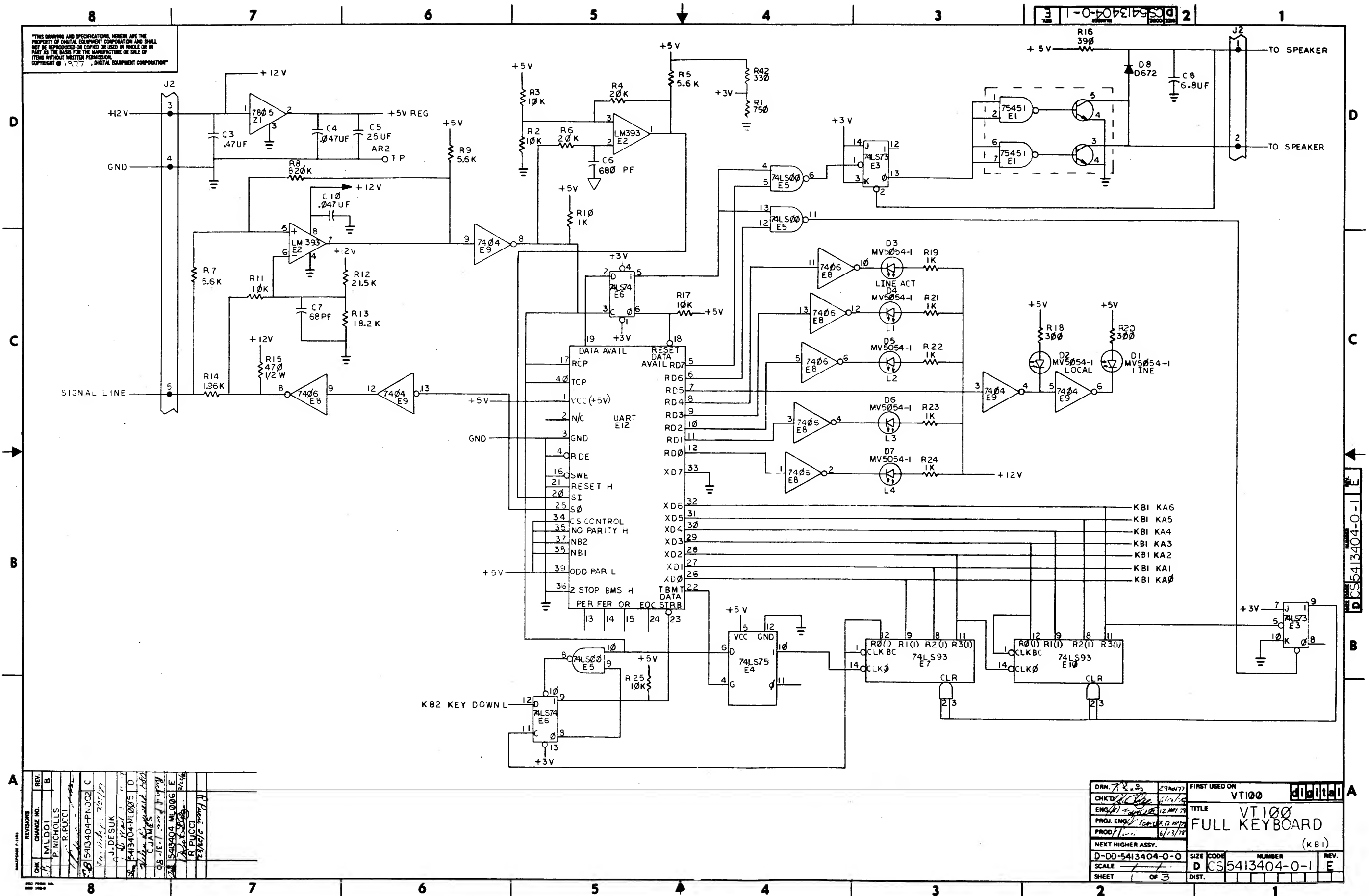
AUTOMATED BY PRTLST.3L(34)

PARTS LIST

SHEET A2 OF A2

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
31	31		1912824-00	LS74 FF-D DUAL,EDGE TRIGG	1	E6
32	32		1912844-00	LS151 MUX 1 OF 8 & DATA	1	E14
33	33		1913949-00	LS93 COUNTER,DECADE,4BIT	2	E7,E10
34	34		1913950-00	LS156 DECODER,2 OF 4(DUAL)	2	E11,E13
35	35		1914156-00	LM 393 VOLT.COMPARATOR DUAL	1	E2
36	36		2114137-51	UART MOS N-CHANNEL	1	E12
37	37		7013910-00	KEYBOARD ARRAY ASSY	1	
38	38		7014561-00	18 KEY NUMERIC PAD ASSY	1	
39	39		9006020-01	SCREW,PAN,PHIL 6-32X 1/4 SS	1	
40	40		9008185-00	NUT,KEP 6-32X1/4 AF	1	
41	41		9010033-00	SCREW,PAN,PHILLIPS 4-24 X 3/8	7	
42	42		1012312-01	.47 MFD 50V +80-20% CER	1	C3

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							VT100 FULL KEYBOARD		K	PL	5413404-0-DBP	F



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REVISIONS

CHK	CHANGE NO.	REV.

TITLE
VT100 FULL KEYBOARD (KB2)

SIZE CODE
D

NUMBER
5413404-0-1

SCALE
1/1

SHEET 2 OF 3

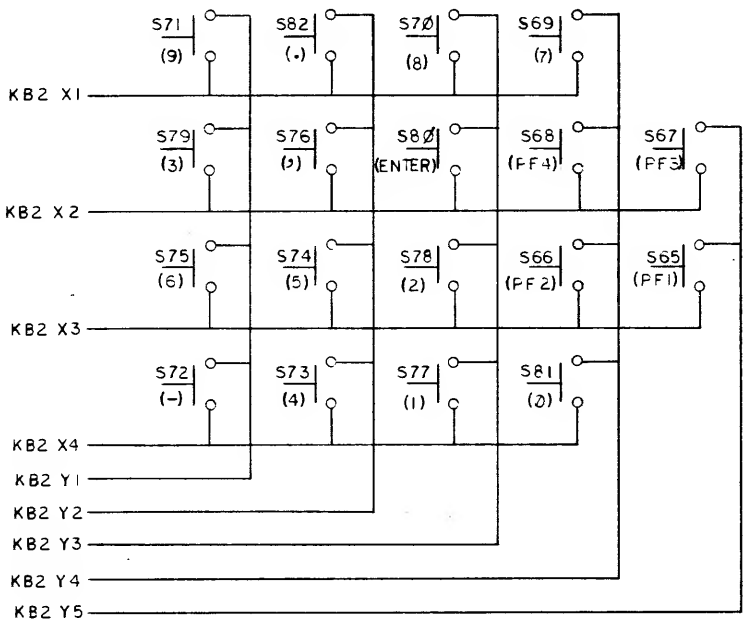
DIST.

REV. E

10

TITLE		SIZE		CODE	NUMBER		REV.
VT100 FULL KEYBOARD (K B2)		D		CS	5413404-0-1		E
SCALE	77	SHEET	2	OF	3	DIST.	

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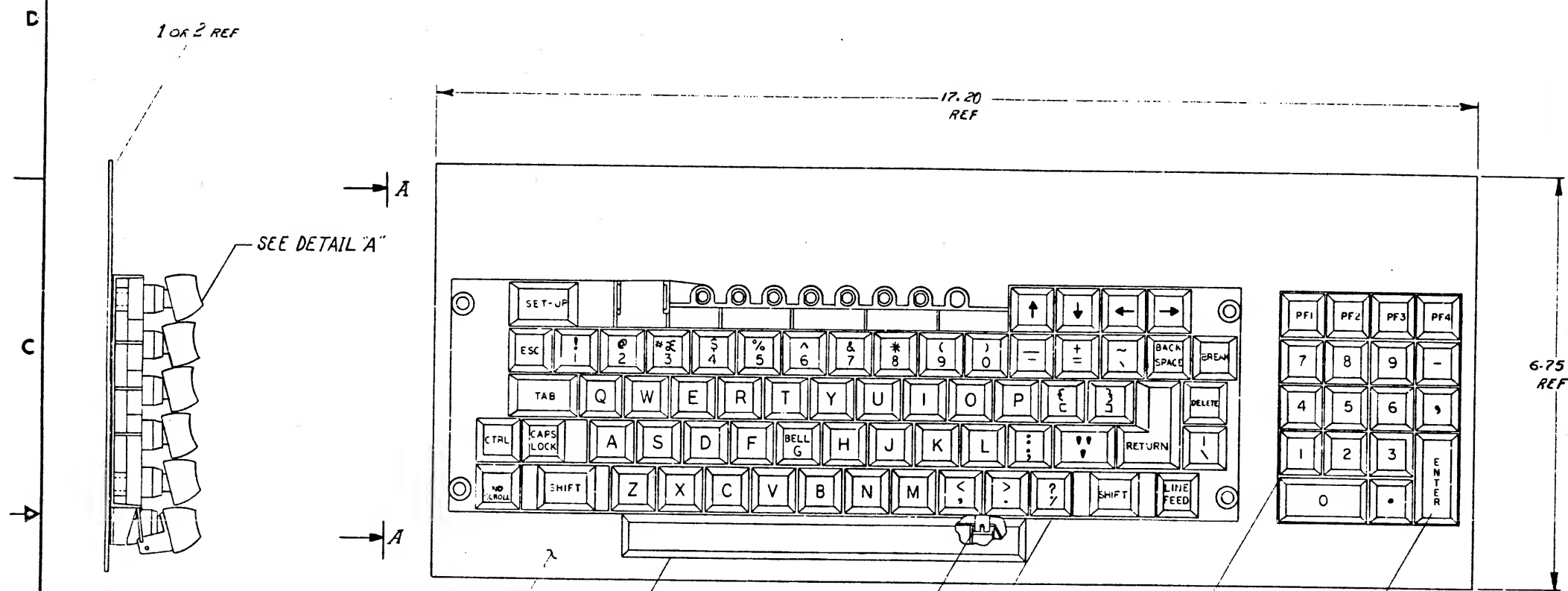
REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		SIZE CODE	NUMBER	REV.
VT100 FULL KEYBOARD (KB3)		DCS	5413404-0-1	E
SCALE	SHEET 3 OF 3	DIST.		

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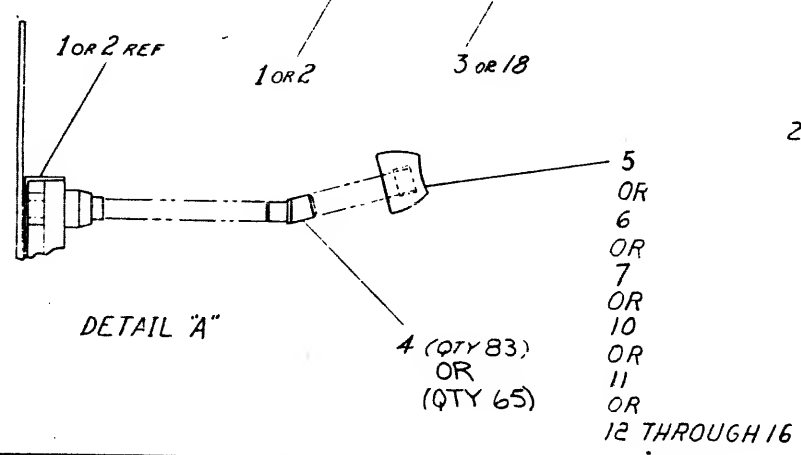
0-0-5529102 0000 2

- NOTES:
1. THE NUMERIC KEY PAD IS NOT AVAILABLE ON THE E-UA-5413404-01 VARIATION.
 2. STANDARD VT100 BASIC KEYCAP SET (12/433373, ITEM 5) AND NUMERIC PAD (12/433371, ITEM 6) SHOWN. FOR KEYCAP ARRANGEMENTS REFER TO DEC DRAWING NUMBER D-AR-7015765-0-1.
 3. FOR INDIVIDUAL FIELD SERVICE/CUSTOMER SPARES SHIPMENTS, USE PACKAGING INSTRUCTIONS A-SP-3700555-0-0; FOR BULK INTERPLANT SHIPMENTS, USE PACKAGING INSTRUCTIONS A-SP-3700439-00 VARIATION -00.



SEE DETAIL "A"

VIEW A-A



DETAIL "A"

REV.	DATE	BY	CHKD.	REVISIONS
1	1-8-79	W. JAMES	W. JAMES	1. 1015765-ML002 B
2	1-8-79	W. JAMES	W. JAMES	2. 1015765-ML002 C
3	1-8-79	W. JAMES	W. JAMES	3. 1015765-ML002 D
4	1-8-79	W. JAMES	W. JAMES	4. 1015765-ML002 E
5	1-8-79	W. JAMES	W. JAMES	5. 1015765-ML002 F
6	1-8-79	W. JAMES	W. JAMES	6. 1015765-ML002 G
7	1-8-79	W. JAMES	W. JAMES	7. 1015765-ML002 H
8	1-8-79	W. JAMES	W. JAMES	8. 1015765-ML002 I
9	1-8-79	W. JAMES	W. JAMES	9. 1015765-ML002 J
10	1-8-79	W. JAMES	W. JAMES	10. 1015765-ML002 K
11	1-8-79	W. JAMES	W. JAMES	11. 1015765-ML002 L
12	1-8-79	W. JAMES	W. JAMES	12. 1015765-ML002 M
13	1-8-79	W. JAMES	W. JAMES	13. 1015765-ML002 N
14	1-8-79	W. JAMES	W. JAMES	14. 1015765-ML002 O
15	1-8-79	W. JAMES	W. JAMES	15. 1015765-ML002 P
16	1-8-79	W. JAMES	W. JAMES	16. 1015765-ML002 Q
17	1-8-79	W. JAMES	W. JAMES	17. 1015765-ML002 R
18	1-8-79	W. JAMES	W. JAMES	18. 1015765-ML002 S
19	1-8-79	W. JAMES	W. JAMES	19. 1015765-ML002 T
20	1-8-79	W. JAMES	W. JAMES	20. 1015765-ML002 U
21	1-8-79	W. JAMES	W. JAMES	21. 1015765-ML002 V
22	1-8-79	W. JAMES	W. JAMES	22. 1015765-ML002 W
23	1-8-79	W. JAMES	W. JAMES	23. 1015765-ML002 X
24	1-8-79	W. JAMES	W. JAMES	24. 1015765-ML002 Y
25	1-8-79	W. JAMES	W. JAMES	25. 1015765-ML002 Z

OFF SHEET PARTS LIST EXISTS
SEE K-PL-7015765-0-03P

QUANTITY & VARIATION	DESCRIPTION	DWG./PART NO.	ITEM NO.
1	KEY BOARD / KEY CAP ASSY	0-0-5529102	1
1	NUMERIC KEY PAD	0-0-5529102	2
1	KEY CAP SET	0-0-5529102	3
1	NUMERIC PAD	0-0-5529102	4

THIRD ANGLE PROJECTION

REMOVE BURRS AND BREAK SHARP CORNERS

DO NOT SCALE DWG

MATERIAL SEE PARTS LIST

FINISH NONE

SCALE NONE

SHEET 1 OF 1

SIZE CODE D AD

NUMBER 7015765-0-0

REV. H

AUTOMATED BY PRTLST.3P(44)

P A R T S L I S T

SHEET A1 OF A1

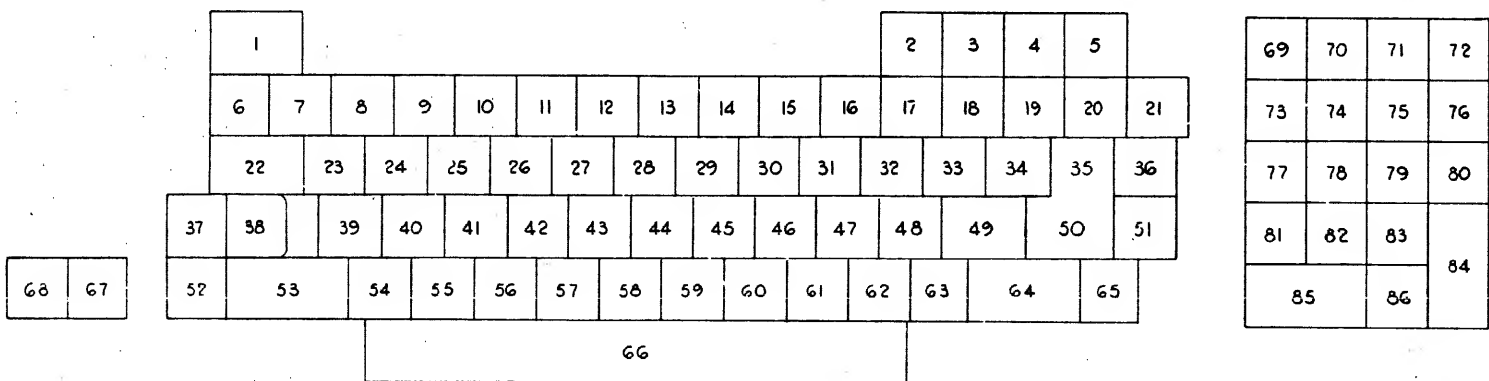
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION									
					00	01	02	03	04	05	06	07	08	09
1	1	E-AD-5413404-0-0	5413404-00	VT100 FULL KEYBOARD	1	-	1	1	1	1	1	1	1	1
2	2	E-AD-5413404-0-0	5413404-01	KEYBOARD ASSY (64 KEYS)	-	1	-	-	-	-	-	-	-	-
3	3	C-AD-7015050-0-0	7015050-00	SPACE BAR ASSY	1	1	1	1	1	1	1	1	1	-
4	4		1214332-00	SW,ARRAY CAP ADAPTER	83	65	83	83	83	83	83	83	83	83
5	5		1214333-72	KEYCAP SET,VT100 64PCS	1	1	-	-	-	-	-	-	-	-
6	6		1214333-91	KEYCAP SET,LA120/34 VT100 18PCS	1	-	-	-	-	-	-	-	-	-
7	7		1214333-C0	KEYCAP SET,VT100-NA 82PCS	-	-	1	-	-	-	-	-	-	-
8	8		7420120-00	*** THIS ITEM IS NOT USED ***	-	-	-	-	-	-	-	-	-	-
9	9	D-AR-7015765-0-1		KEYBOARD/KEYCAP ASSY	REF	REF	REF	REF	REF	REF	REF	REF	REF	REF
10	10		1214333-J0	KEYCAP SET,VT100-WA 82PCS	-	-	-	1	-	-	-	-	-	-
11	11		1214333-W2	SW,KEY BD CAP COMP SET U3-W1	-	-	-	-	1	-	-	-	-	-
12	12		1214333-CP	KEYCAP SET,VT100-WB 82PCS	-	-	-	-	-	1	-	-	-	-
13	13		1214333-CB	KEYCAP SET,VT100-WB 82PCS	-	-	-	-	-	-	1	-	-	-
14	14		1214333-8U	KEYCAP SET,VT100-WB 82PCS	-	-	-	-	-	-	-	1	-	-
15	15		1214333-EY	KEYCAP SET,VT100-WB 82PCS	-	-	-	-	-	-	-	-	1	-
16	16		1214333-2Y	KEYCAP SET,VT100 64PCS	-	-	-	-	-	-	-	-	-	1
17	17		1214333-3W	KEYCAP SET,LA120/34 VT100 18PCS	-	-	-	-	-	-	-	-	-	1
18	18	D-AD-7015050-0-0	7015050-01	SPACE BAR ASSY. GRAY	-	-	-	-	-	-	-	-	-	1
19	19	A-SP-3700555-0-0	3700555-00	PKG KEYBOARD 7015765	1	1	1	1	1	1	1	1	1	1
20	20	A-SP-3700439-0-0	3700439-00	INSTR PKG. BULK CARTON 99-06476-	1	1	1	1	1	1	1	1	1	1
21	21	C-MD-7424160-0-0	7424160-00	SPACE BAR EQUALIZER CLIP	2	2	2	2	2	2	2	2	2	2

REVISION HISTORY			BASIC PART NO: 7015765			DRN: ANGEL COLON			DATE: 3 APR 78			D I G I T A L		
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D:	D. HEALY	DATE:	7 APR 78	TITLE PARTS LIST						
---	INITIAL	F	SECTION. VARIATION INDEX	DES.ENG.:	E. WEDEKING	DATE:	10 MAY 78	KEYBOARD/KEYCAP ASSEMBLY						
JD	7015765-ML005	F	[A] 00,01,02,03,04,05,											
JD	7015765-ML006	H	06,07,08,09											
			[B]	RESP.ENG.:	G. DOUMANI	DATE:	17 MAY 7	DOCUMENT NUMBER						
			[C]											
			[D]											
			[E]	MFG.ENG.:	K. HOFFMAN	DATE:	10 MAY 78	K	PL	7015765-0-DBP	REV			
			[F]	ASSEMBLY NUMBER:	D-AD-7015765-0-0	TOP DOCUMENT NUMBER:	#B-DD-7015765-0	FILE NAME:		Z1933H.PLS	EDIT #			
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NOTES:

1. THE FOLLOWING TABLE (SHEET 2) LISTS VARIATION NUMBERS FOR 124333 (KEYCAPS) INDICATING THE SPECIFIC KEYBOARD POSITION OF EACH AS USED ON VARIOUS MODELS.



KEYBOARD CAP POSITIONS
(SEE NOTE 1 & TABLE, SHEET 2)

REV	CHG	DATE	BY	APP	DESCRIPTION
1	A	1-3-79	L. KING		VT100 - PNO26 B
2	B	1-3-79	F. C. JAMES		VT100 - PNO26 B
3	C	1-3-79	F. C. JAMES		VT100 - PNO26 B
4	D	1-3-79	F. C. JAMES		VT100 - PNO26 B
5	E	1-3-79	F. C. JAMES		VT100 - PNO26 B
6	F	1-3-79	F. C. JAMES		VT100 - PNO26 B
7	G	1-3-79	F. C. JAMES		VT100 - PNO26 B
8	H	1-3-79	F. C. JAMES		VT100 - PNO26 B
9	I	1-3-79	F. C. JAMES		VT100 - PNO26 B
10	J	1-3-79	F. C. JAMES		VT100 - PNO26 B
11	K	1-3-79	F. C. JAMES		VT100 - PNO26 B
12	L	1-3-79	F. C. JAMES		VT100 - PNO26 B
13	M	1-3-79	F. C. JAMES		VT100 - PNO26 B
14	N	1-3-79	F. C. JAMES		VT100 - PNO26 B
15	O	1-3-79	F. C. JAMES		VT100 - PNO26 B
16	P	1-3-79	F. C. JAMES		VT100 - PNO26 B
17	Q	1-3-79	F. C. JAMES		VT100 - PNO26 B
18	R	1-3-79	F. C. JAMES		VT100 - PNO26 B
19	S	1-3-79	F. C. JAMES		VT100 - PNO26 B
20	T	1-3-79	F. C. JAMES		VT100 - PNO26 B
21	U	1-3-79	F. C. JAMES		VT100 - PNO26 B
22	V	1-3-79	F. C. JAMES		VT100 - PNO26 B
23	W	1-3-79	F. C. JAMES		VT100 - PNO26 B
24	X	1-3-79	F. C. JAMES		VT100 - PNO26 B
25	Y	1-3-79	F. C. JAMES		VT100 - PNO26 B
26	Z	1-3-79	F. C. JAMES		VT100 - PNO26 B
27	AA	1-3-79	F. C. JAMES		VT100 - PNO26 B
28	AB	1-3-79	F. C. JAMES		VT100 - PNO26 B
29	AC	1-3-79	F. C. JAMES		VT100 - PNO26 B
30	AD	1-3-79	F. C. JAMES		VT100 - PNO26 B
31	AE	1-3-79	F. C. JAMES		VT100 - PNO26 B
32	AF	1-3-79	F. C. JAMES		VT100 - PNO26 B
33	AG	1-3-79	F. C. JAMES		VT100 - PNO26 B
34	AH	1-3-79	F. C. JAMES		VT100 - PNO26 B
35	AI	1-3-79	F. C. JAMES		VT100 - PNO26 B
36	AJ	1-3-79	F. C. JAMES		VT100 - PNO26 B
37	AK	1-3-79	F. C. JAMES		VT100 - PNO26 B
38	AL	1-3-79	F. C. JAMES		VT100 - PNO26 B
39	AM	1-3-79	F. C. JAMES		VT100 - PNO26 B
40	AN	1-3-79	F. C. JAMES		VT100 - PNO26 B
41	AO	1-3-79	F. C. JAMES		VT100 - PNO26 B
42	AP	1-3-79	F. C. JAMES		VT100 - PNO26 B
43	AQ	1-3-79	F. C. JAMES		VT100 - PNO26 B
44	AR	1-3-79	F. C. JAMES		VT100 - PNO26 B
45	AS	1-3-79	F. C. JAMES		VT100 - PNO26 B
46	AT	1-3-79	F. C. JAMES		VT100 - PNO26 B
47	AU	1-3-79	F. C. JAMES		VT100 - PNO26 B
48	AV	1-3-79	F. C. JAMES		VT100 - PNO26 B
49	AW	1-3-79	F. C. JAMES		VT100 - PNO26 B
50	AX	1-3-79	F. C. JAMES		VT100 - PNO26 B
51	AY	1-3-79	F. C. JAMES		VT100 - PNO26 B
52	AZ	1-3-79	F. C. JAMES		VT100 - PNO26 B
53	BA	1-3-79	F. C. JAMES		VT100 - PNO26 B
54	BB	1-3-79	F. C. JAMES		VT100 - PNO26 B
55	BC	1-3-79	F. C. JAMES		VT100 - PNO26 B
56	BD	1-3-79	F. C. JAMES		VT100 - PNO26 B
57	BE	1-3-79	F. C. JAMES		VT100 - PNO26 B
58	BF	1-3-79	F. C. JAMES		VT100 - PNO26 B
59	BG	1-3-79	F. C. JAMES		VT100 - PNO26 B
60	BH	1-3-79	F. C. JAMES		VT100 - PNO26 B
61	BI	1-3-79	F. C. JAMES		VT100 - PNO26 B
62	BJ	1-3-79	F. C. JAMES		VT100 - PNO26 B
63	BK	1-3-79	F. C. JAMES		VT100 - PNO26 B
64	BL	1-3-79	F. C. JAMES		VT100 - PNO26 B
65	BM	1-3-79	F. C. JAMES		VT100 - PNO26 B
66	BN	1-3-79	F. C. JAMES		VT100 - PNO26 B
67	BO	1-3-79	F. C. JAMES		VT100 - PNO26 B
68	BP	1-3-79	F. C. JAMES		VT100 - PNO26 B
69	BQ	1-3-79	F. C. JAMES		VT100 - PNO26 B
70	BR	1-3-79	F. C. JAMES		VT100 - PNO26 B
71	BS	1-3-79	F. C. JAMES		VT100 - PNO26 B
72	BT	1-3-79	F. C. JAMES		VT100 - PNO26 B
73	BU	1-3-79	F. C. JAMES		VT100 - PNO26 B
74	BV	1-3-79	F. C. JAMES		VT100 - PNO26 B
75	BW	1-3-79	F. C. JAMES		VT100 - PNO26 B
76	BX	1-3-79	F. C. JAMES		VT100 - PNO26 B
77	BY	1-3-79	F. C. JAMES		VT100 - PNO26 B
78	BZ	1-3-79	F. C. JAMES		VT100 - PNO26 B
79	CA	1-3-79	F. C. JAMES		VT100 - PNO26 B
80	CB	1-3-79	F. C. JAMES		VT100 - PNO26 B
81	CC	1-3-79	F. C. JAMES		VT100 - PNO26 B
82	CD	1-3-79	F. C. JAMES		VT100 - PNO26 B
83	CE	1-3-79	F. C. JAMES		VT100 - PNO26 B
84	CF	1-3-79	F. C. JAMES		VT100 - PNO26 B
85	CG	1-3-79	F. C. JAMES		VT100 - PNO26 B
86	CH	1-3-79	F. C. JAMES		VT100 - PNO26 B

THIRD ANGLE PROJECTION		DESCRIPTION		DWG./PART NO.		ITEM NO.	
REMOVE BURRS AND BREAK SHARP CORNERS		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
DO NOT SCALE DWG		CLASS OF ACCURACY (CHECK ONE)		SURFACE QUALITY IN		MICRON INCHES	
MATERIAL		PREFERRED		MEDIUM		PREFERRED	
FINISH		NEXT HIGHER ASSY.		D-AD-7015765-C-0		D-AD-7015765-C-0	
		SCALE NONE		SIZE CODE		NUMBER	
		SHEET 1 OF 2		DIST.		REV.	

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KEYCAP VARIATION (1214333-XX) POSITIONS (SEE NOTE 1, SHEET 1)

D	KEYBOARD CAP-POSITIONS (SEE SHEET 1)																																																																																						D
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	
	VT100 (1214333-70) BASIC (1214333-91)																																																																																						
	LA120 (1214333-64) BASIC (1214333-91)																																																																																						
	LA34 (1214333-91) BASIC (1214333-95)																																																																																						
	VT100 -NA & -NB DECFORM (1214333-00)																																																																																						
	VT100 -WAS & WB WORD PROC (1214333-10)																																																																																						
	VT100 -AA & AB COMP. SET (1214333-W2)																																																																																						
	VT100 -WC & WD 1214333-CP FR CANADIAN																																																																																						
	VT100 -WF & WF 1214333-CB FR FICH																																																																																						
	VT100 -WG & WH 1214333-BU DUTCH																																																																																						
	VT100 -WJ & WK 1214333-EY GERMAN																																																																																						
C	VT100 SPECIAL DARK GRAY 1214333-2Y																																																																																						C
	VT100 SPECIAL NUMERIC DARK GRAY 1214333-3W																																																																																						
	VT100 -XA TO XJ (1214333-PY)																																																																																						
	VT100 -XS TO XY (1214333-MF)																																																																																						

REVISIONS		
CHK	CHANGE NO.	REV.

TITLE	KEYBD CAP-POSITION ARRANGEMENT	SIZE CODE	NUMBER	REV.
SCALE	NOTE	SHEET	2 OF 2	E
DIST.				

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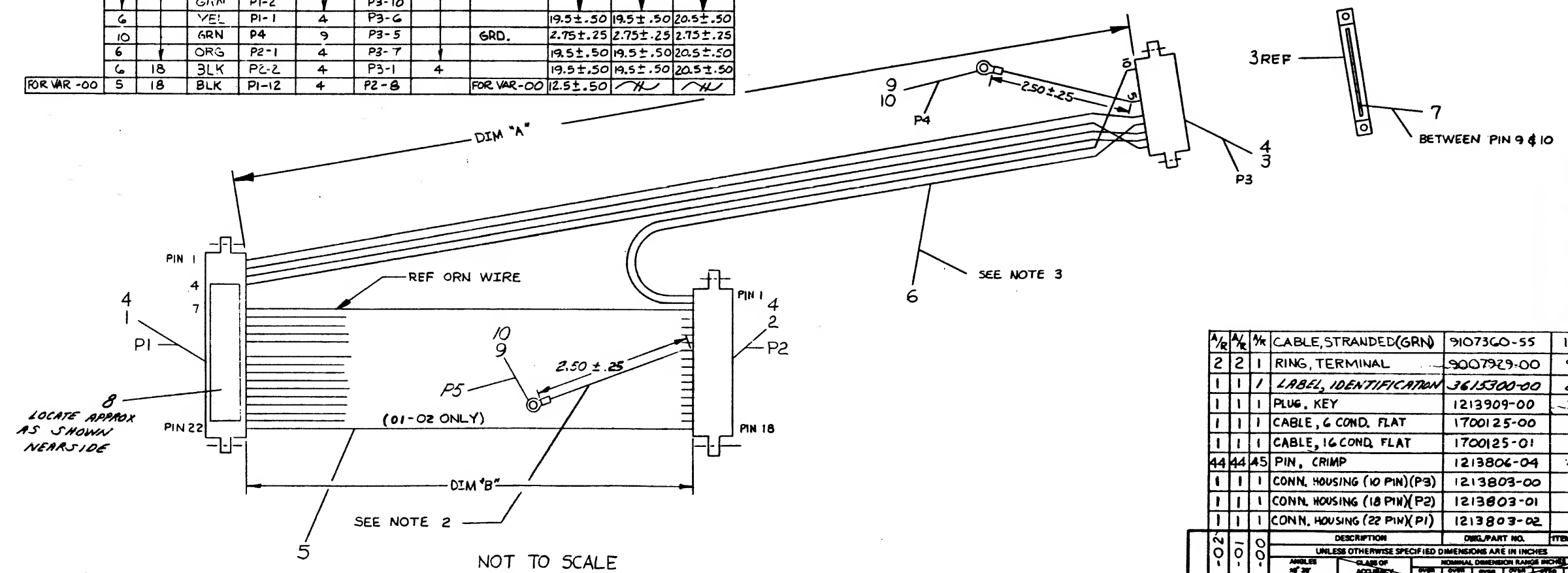
FOR VAR -01 & -02

FOR VAR -00

WIRE TABLE										
ITEM NO	DESCRIPTION	FROM		TO		REMARKS	PRECUT WIRE LG FOR VAR-00	PRECUT WIRE LG FOR VAR-01	PRECUT WIRE LG FOR VAR-02	
		CONN.	WITH	CONN.	WITH					
5	18	RED	PI-22	4	P2-18	4	12.5 ± .50	12.5 ± .50	12.5 ± .50	
↑	↑	RED	PI-21	↑	P2-17	↑	↑	↑	↑	
		RED	PI-20		P2-16					
		RED	PI-19		P2-15					
		RED	PI-18		P2-14					
		BLK	PI-17		P2-13					
		BLK	PI-16		P2-12					
		BLK	PI-15		P2-11					
↓		BLK	PI-14	↓	P2-10		↓	↓	↓	
5		BLK	PI-13	4	P2-9		12.5 ± .50	12.5 ± .50	13.5 ± .50	
10		GRN	P5	9	P2-8	GRD FOR VAR -01 & -02	2.75 ± .25	2.75 ± .25	2.75 ± .25	
5		YEL	PI-11	4	P2-7		12.5 ± .50	12.5 ± .50	13.5 ± .50	
↑		RED	PI-10	↑	P2-6		↑	↑	↑	
↑		BLUE	PI-9		P2-5					
↑		BLK	PI-8		P2-4		↓	↓	↓	
5		ORG	PI-7		P2-3		12.5 ± .50	12.5 ± .50	13.5 ± .50	
6		WHT	PI-4		P3-9		19.5 ± .50	19.5 ± .50	20.5 ± .50	
↑		GRY	PI-3		P3-8		↑	↑	↑	
↑		GRN	PI-2	↓	P3-10					
6		YEL	PI-1	4	P3-6		19.5 ± .50	19.5 ± .50	20.5 ± .50	
10		GRN	P4	9	P3-5	GRD.	2.75 ± .25	2.75 ± .25	2.75 ± .25	
6	↑	ORG	P2-1	4	P3-7	↑	19.5 ± .50	19.5 ± .50	20.5 ± .50	
6	18	BLK	P2-2	4	P3-1	4	19.5 ± .50	19.5 ± .50	20.5 ± .50	
5	18	BLK	PI-12	4	P2-8	FOR VAR-00	12.5 ± .50	~H	~H	

OVER ALL CABLE LG.		
VARIATION	DIM A	DIM B
7014978-00	18.50 ± .50	11.50 ± .50
7014978-01	18.50 ± .50	11.50 ± .50
7014978-02	20.50 ± .50	13.50 ± .50

- NOTES:
- IDENTIFICATION: DECAL USING 1/8" CHARACTER HEIGHT AS INDICATED BELOW TO HIGHEST LEVEL OF SUBASSEMBLY SPECIFIED ON PURCHASE ORDER AND LOCATE APPROX. AS SHOWN ON DRAWING.
A.) PART NUMBER
B.) REVISION
C.) VENDOR IDENTIFICATION
D.) DATE, CODE
 - ON VARIATION (-01 & -02) CUT BACK BLK. WIRE FROM P2-8 TO PI-12 2.5 ± .25 IN. FROM BOTH ENDS.
 - CUT BACK ORN & BLK WIRES OF (ITEM #6) TO 12.5 ± .25 IN.



QTY	DESCRIPTION	DWG/PART NO.	ITEM NO.
2	CABLE, STRANDED (GRN)	9107360-55	10
2	RING, TERMINAL	9007929-00	9
1	LABEL, IDENTIFICATION	3615300-00	8
1	PLUG, KEY	1213909-00	7
1	CABLE, 6 COND. FLAT	1700125-00	6
1	CABLE, 16 COND. FLAT	1700125-01	5
44	PIN, CRIMP	1213806-04	4
1	CONN. HOUSING (10 PIN) (P3)	1213803-00	3
1	CONN. HOUSING (18 PIN) (P2)	1213803-01	2
1	CONN. HOUSING (22 PIN) (P1)	1213803-02	1

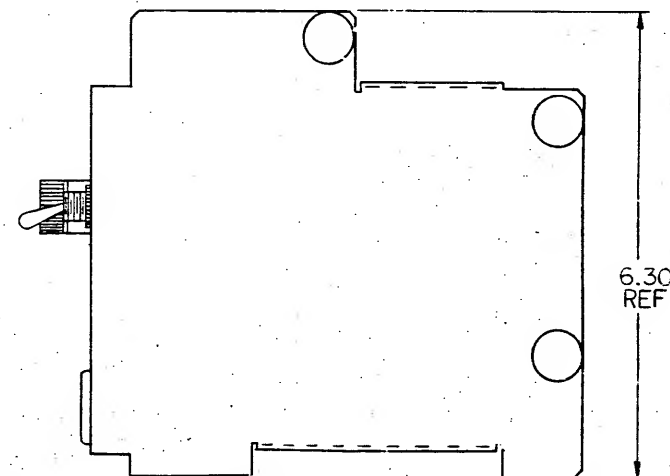
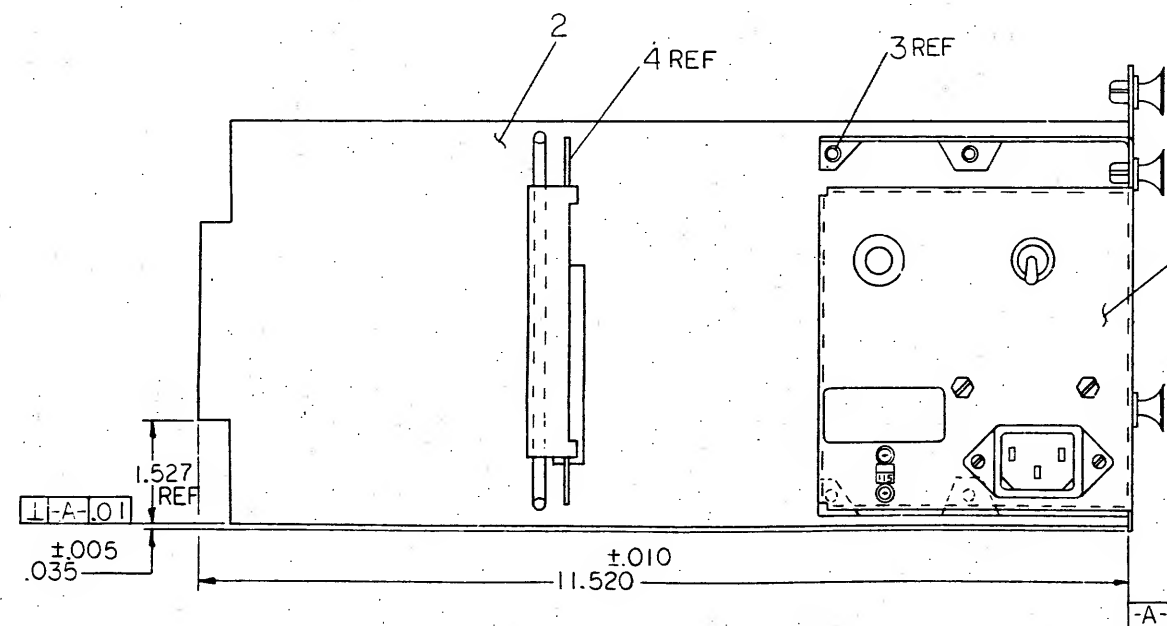
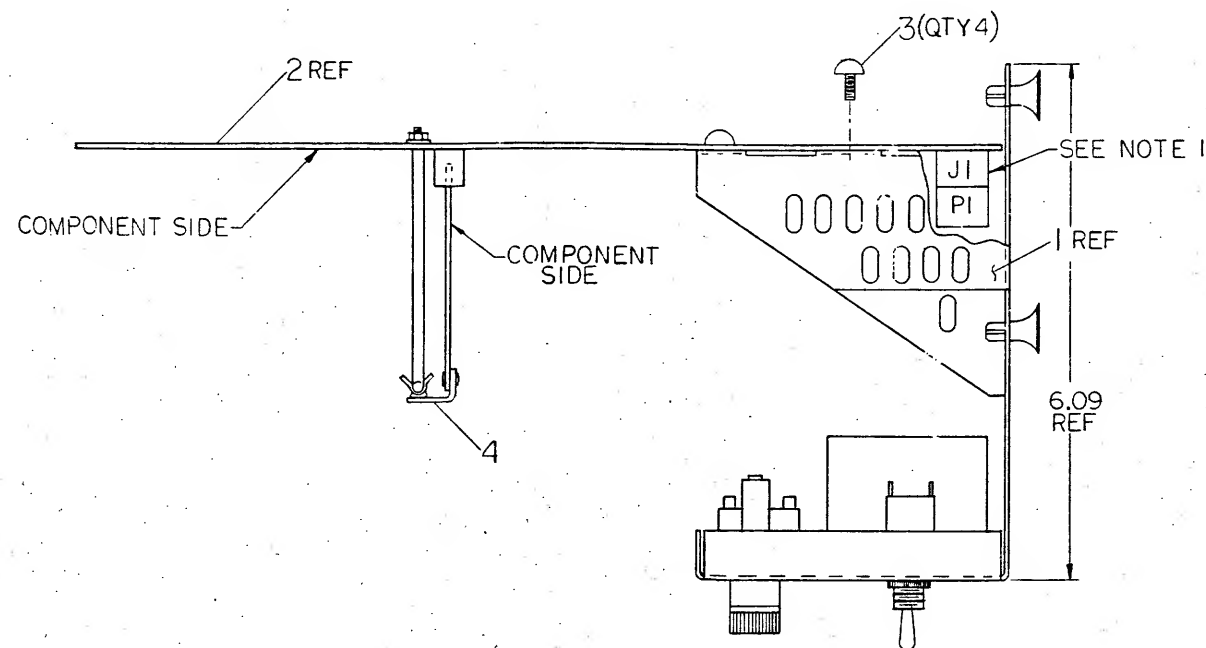
THIRD ANGLE PROJECTION		FIRST USED ON	
REMOVE BURRS AND BREAK SHARP CORNERS		VT100	
DO NOT SCALE DWG		TITLE	
MATERIAL		POWER CABLE ASSY	
SEE PARTS LIST		SIZE CODE	
FINISH		NUMBER	
		7014978-0-0	
		REV. C	
		SHEET 1 OF 1	
		DST.	

REV.	CHANGE NO.	DATE	BY	CHK
1	7014978-MLO01	12-13-77	J. BITTO	
2	7014978-PN002	12-13-77	J. BITTO	
3	7014978-PN003	12-13-77	J. BITTO	
4	7014978-PN004	12-13-77	J. BITTO	
5	7014978-PN005	12-13-77	J. BITTO	
6	7014978-PN006	12-13-77	J. BITTO	
7	7014978-PN007	12-13-77	J. BITTO	
8	7014978-PN008	12-13-77	J. BITTO	
9	7014978-PN009	12-13-77	J. BITTO	
10	7014978-PN010	12-13-77	J. BITTO	

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NOTES:

1. CONNECT PLUG J1 FROM LINE FILTER ASSY (ITEM #1) TO PLUG J2 ON POWER SUPPLY (ITEM #2) AS SHOWN.



CAUTION OFF SHEET PARTS LIST EXIST
REFER TO K-PL - H7835-0-D8P

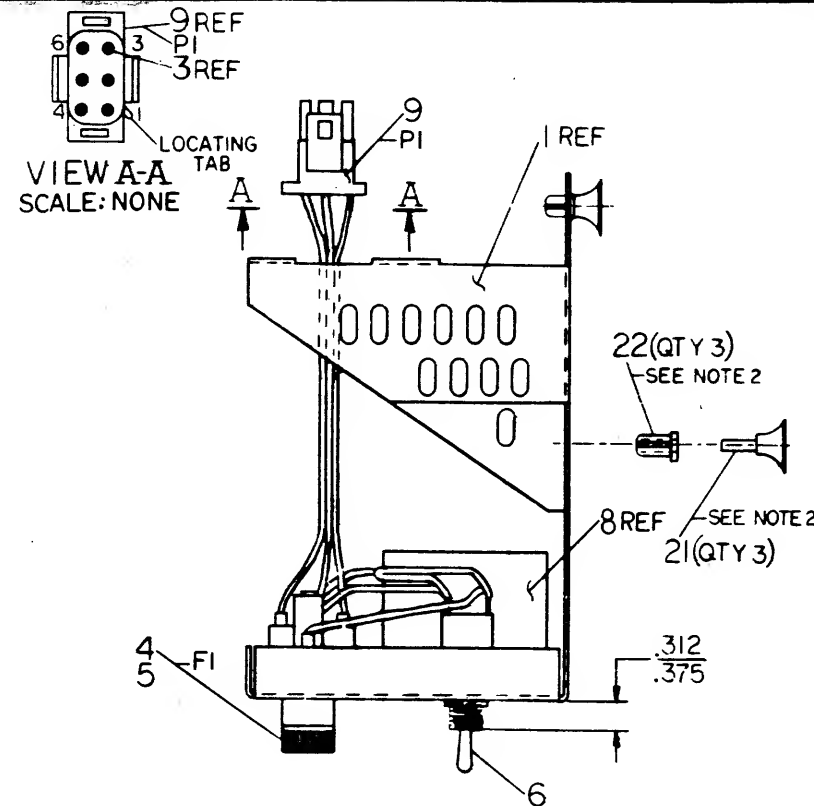
DESCRIPTION		DWG./PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
ANGLES 10° 30°	CLASS OF ACCURACY (CHECK ONE)	NOMINAL DIMENSION RANGE INCHES			
SURFACE QUALITY IN MICROINCHES	MEDIUM PREFERRED	OVER 0 TO 0.2	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0
		±.004	±.008	±.012	±.016
		±.012	±.016	±.025	±.031
THIRD ANGLE PROJECTION					
REMOVE BURRS AND BREAK SHARP CORNERS					
DO NOT SCALE DWG					
NEXT HIGHER ASSY.					
MATERIAL SEE K-PL H7835-0-D8P					
FINISH					
FIRST USED ON VT103					
TITLE POWER SUPPLY ASSEMBLY					
SIZE D		CODE UA		NUMBER H7835-0-0	
SHEET 2		OF 2		REV. B	

LINE ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QUANTITY PER VARIATION
1	1	D-IA-7016691-0-0	7016691-00	LINE FILTER ASSY
2	2	E-UA-5413739-0-0	5413739-00	POWER SUPPLY FOR VT103
3	3		9010245-00	SCREW, INTER. TORX WASH. HD. 6-32X
4	4	E-UA-5412528-0-0	5412528-00	POWER MONITOR BRD
5	5	A-SP-3700470-0-0	3700470-00	INSTR PKG POWER SUPPLY 7016692
6	6	A-SP-3700437-0-0	3700437-00	INSTR PKG. BULK CARTON 99-06476-
7	7		3613210-02	LABEL, ELECTRICAL DATA
8	8		9009255-00	LABEL, POWER SUPPLY, 2-15/16 " L

REVISION HISTORY		BASIC PART NO: H7835		DRN: W. J. MAHER		DATE: 12-FEB-79		D I G I T A L	
ENG:	ECO NUMBER	REV	SECTION A OF A	CHK'D: DON. BRIGHAM		DATE: 16-MAY-79		TITLE PARTS LIST	
---	INITIAL	*	SECTION. VARIATION INDEX	DES.ENG.: V. VORPERIAN		DATE: 14-JUN-79		POWER SUPPLY ASSEMBLY	
G.C.	H7835-ML001	A	[A] 00	RESP.ENG.: A. PARKER		DATE: 14-JUN-79		DOCUMENT NUMBER	
AP	H7835-ML002	B	[B]	MFG.ENG.: A. JOHNS		DATE: 14-JUN-79		SIZE: CODE: NUMBER REV	
			[C]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT #	
			[D]	D-UA-H7835-0-0-0		#B-DD-VT103-0		202988.PLS 14	
			[E]						
			[F]						
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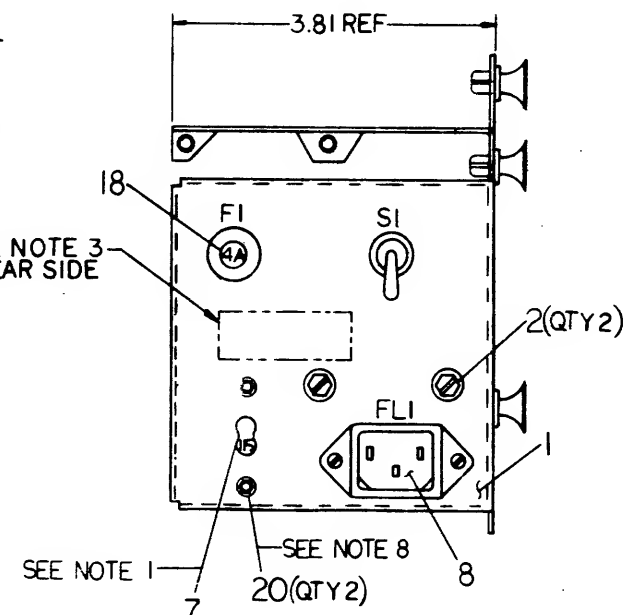
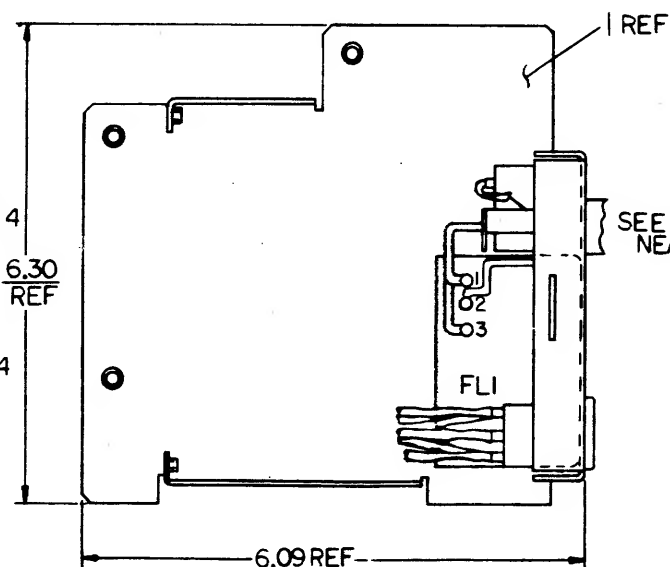
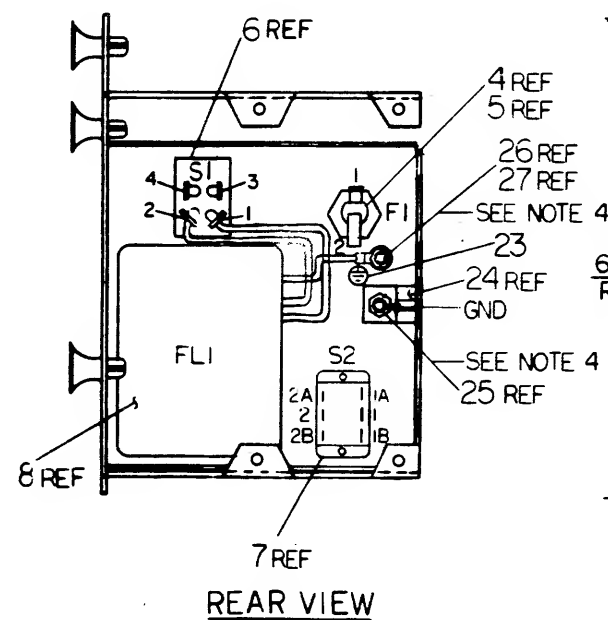
WIRE TABLE

ITEM NO	DESCRIPTION	FROM			TO			REMARKS
		AWG	COLOR	POINT	CONNECTION	TERM	POINT	
12	WHT	18			PI-1	3	S2-1A	32 8.0LG
13	BROWN				PI-3	3	FI-1	SOLDER 8.5LG
17	BLU				PI-4	3	S2-1B	32 8.0LG
17	BLU				PI-5	3	S2-2B	32 8.0LG
12	WHT				PI-6	3	S2-2A	32 8.0LG
13	BROWN	18			SI-4	31	FI-2	31 3.0LG
8	BLUE				FI-3		SI-1	31 SELF LEAD
8	BROWN				FI-1		SI-2	31 SELF LEAD
8	GRN/YEL				FI-2		GND	26,27 SELF LEAD
17	BLUE	18			S2-2	32	SI-3	34 4.0LG
17	BLUE	18			S2-1	32	SI-3	34 4.0LG

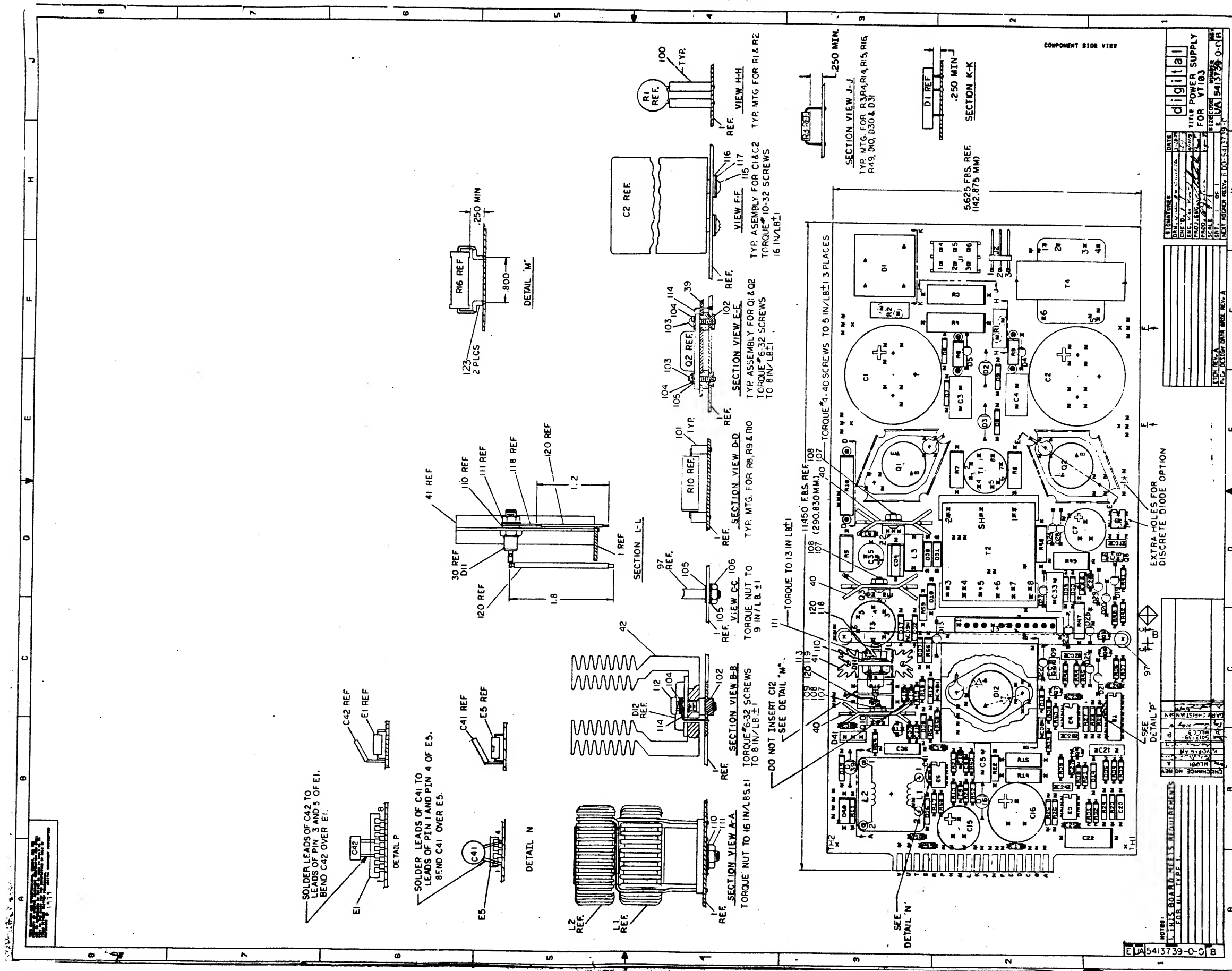


NOTES:

1. SLIDE SWITCH (ITEM #7) MAY BE POSITIONED FOR EITHER 115V OR 230V SETTING, SEE DETAIL 'B'.
2. PRESS GROMMET (ITEM #22) INTO HOLE. PRESS PLUNGER (ITEM #21) INTO GROMMET 3 PLACES AS SHOWN.
3. MARK IDENTIFICATION USING .12 HIGH CHARACTER HEIGHT AS INDICATED BELOW, LOCATE APPROXIMATELY AS SHOWN.
A) PART NO.
B) REVISION
C) VENDOR IDENTIFICATION
4. TORQUE NUT ITEM #25 TO 10 IN-LBS MAX AND ITEM #27 TO 18 IN-LBS MAX.
5. CAUTION = WHEN INCORPORATING AN ECO SEE DWG D-1A-7015053-0-0.
6. KNOCK OUT PLUG ON FRONT PANEL FOR FAN CONNECTOR ACCESS.
7. DRESS CABLE WITH TIE WRAPS AS REQUIRED.
8. TORQUE SCREW, ITEM #20, TO 2 IN-LBS MAX.

CAUTION OFF SHEET PARTS LIST EXIST
REFER TO K-PL-7016691-0-DBP

DESCRIPTION		DWG. PART NO.		ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES					
ANGLES 1/8"	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES			
SURFACE QUALITY	CHECK ONE	0.001	0.002	0.003	0.004
FINISH	FINISH	0.005	0.006	0.007	0.008
THIRD ANGLE PROJECTION	DO NOT SCALE DIMS	0.009	0.010	0.011	0.012
REMOVE BURRS AND BREAK SHARP CORNERS	NEXT HIGHER ASSY.	0.013	0.014	0.015	0.016
MATERIAL SEE K-PL-7016691-0-DBP	D-1A-H7835-0-0	FIRST USED ON VT103			
FINISH	SCALE NONE	TITLE LINE FILTER ASSEMBLY			
SHEET		OF		REV.	
D		D		D	



LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
1	1	D-MD-5013738-0-0	5013738-00	ETCH CIRCUIT BD	1		
2	2		1014265-00	.22 MFD 50V +80-20% CER	16		
						CONT	C6,C8,C10,C11,C13,C14,C17-C20, C25-C27,C29,C37,C38
3	3		1014170-00	2700.0 MMF 100V 1% 70PPM MICA	1		C21
4	4		1005328-00	.33 MFD 20V 10% S.TANT	1		C23
5	5		1000039-00	.056 MFD 200V 10% MYLR	1		C22
6	6		1000042-00	1000.0 MMF 100V 5%200PPM MICA	3		C39,C28,C9
7	7		1000009-00	33.0 MMF 100V 5%200PPM MICA	1		C24
8	8		1000016-00	100.0 MMF 100V 5%200PPM MICA	1		C30
9	9		1000055-00	2200.0 MMF 250V 20% YSS DISC	2		C31,C32
10	10		1011847-01	.01 MFD 400V 10% POLYPROP	2		C33,C5
11	11		1016390-00	1100 MFD 200V +50-10% AL EL	2		C1,C2
12	12		1016397-00	1000 MFD 40V +75-10% AL EL	1		C7
13	13		1016397-01	2800 MFD 16V +75-10% AL EL	1		C15
14	14		1014260-00	11,000 MFD 6.3V +75-10% AL EL	1		C16
15	15		1014139-00	.0022 MFD 600V 10% POLYPROP	2		C3,C4
16	16		1005306-00	6.8MFD 35V 10% S.TANT	1		C36
17	17		1012607-04	270 MFD 40V+100-10% AL EL	1		C35
18	18		1002174-00	2 MFD 25V +75-10% AL EL	1		C34
19	19		1115369-00	VM 18 PIV=100 I=1A	1		E2
20	20		1114245-00	NBS30600LPIV=600 I=30A	1		D1
21	21		1105796-00	1N 4004 PIV=400 I= 1A DO41 SP	8		D33,D34,D6-D9,D15,D36
22	22		1112595-01	A114B PIV=200 I= 1A	8		D23,D27-D29,D24,D19,D13,D20
23	23		1112595-00	A114F PIV= 50 I= 1A	4		D21,D22,D25,D26
24	24		1100114-00	D 664 QS\75PCB PIV= 25V SP	2		D18,D35
25	25		1105873-00	4M5-1A21 VZ= 5.1 1% .400W	1		D14
26	26		1112594-02	A115M PIV=600 I= 3A	2		D2,D3
27	27		1112595-02	A114M PIV=600 I= 1A	2		D4,D5
28	28		1110420-00	1N 5624 PIV=200 I= 5A	2		D16,D39
29	29		1115224-00	VOLT.TRANS.SUPPRESS 12.1	1		D40

REVISION HISTORY			BASIC PART NO: 5413739			DIGITAL		
ENG	ECO NUMBER	REV	SECTION A OF A	DRN:	JO ARMSTRONG	DATE: 26-FEB-79		
---	INITIAL	*	SECTION VARIATION INDEX	CHK'D:	RITA BUREAU	DATE: 26-FEB-79	TITLE	PARTS LIST
VV	5413739-ML001	A	[A] 00				POWER SUPPLY FOR VT103	
AP	5413739-ML002	B	[B]					
AP	5413739-ML004	C	[C]	DES.ENG:	V. VORPERIAN	DATE: 26-FEB-79		
G.C	5413739-ML006	D	[D]				DOCUMENT NUMBER	
			[E]	RESP.ENG.:	V. VORPERIAN	DATE: 26-FEB-79	SIZE	CODE
			[F]				NUMBER	REV
			[H]	MFG.ENG.:	AL JONES	DATE: 13-JUN-79	K	PL
			[J]					
			[K]	ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:	FILE NAME:	EDIT #
			[L]	D-UA-5413739-0-0			Z02260.PLS	32
			[M]					
			[N]					

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LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
30	30		1116645-02	UES 703 PIV=150V I=25A	1	D11
31	31		1115272-00	UES1303 PIV=150 I=6A	3	D30,D31,D10
32	32		1102421-00	1N 753A VZ= 6.2 5% .40W P	1	D37
33	33		1116323-00	SD 241 PIV= 45 I=30A	1	D12
34	34		1103351-00	1N 4764A VZ=100.0 5% 1W Y	2	D17,D32
35	35		1111205-00	SCREENED VZ= 5.7 2% .40W	1	D38
36	36		1212297-05	MATE-N-LOK 6PIN UNIV HEADER	1	J1
37	37		1212204-10	HEADER.156 3POS RT ANGLE	1	J2
38	38		1214257-00	EDGE CARD 12PIN STRAIGHT	1	J3
39	39		1213426-03	HEAT SINK TO-3 1"HIGH	2	
40	40		1212531-01	HEAT SINK,COMPONENT	3	
41	41		1213921-05	HEAT SINK,TAB MNT SEMI	1	
42	42		1211987-03	HEAT SINK	1	
43	43		1314270-02	2.50 15.0 % NTC THERM	2	R1,R2
44	44		1314088-00	20.0 K 5.0 W 5.0 % WW	2	R3,R4
45	45		1314350-00	1.0 2.0 W10.0 % FUSE	3	R5-R7
46	46		1314675-00	1.0 K 3.0 W 5.0 % WW	2	R8,R9
47	47		1300168-00	10.0 .50 W 5.0 % CC	1	R22
48	48		1305128-00	5.62 K .25 W 1.0 % RN55D-F10	1	R52
49	49		1309413-00	3.83 K .25 W 1.0 % RN55D-F10	1	R11
50	50		1202858-00	100.0 .25 W 1.0 % RN55D-F10	2	R12,R53
51	51		1303187-00	820.0 K .25 W 5.0 % CC	1	R31
52	52		1302715-00	*** THIS ITEM IS NOT USED ***	-	
53	53		1300365-00	1.0 K .25 W 5.0 % CC	2	R36,R39
54	54		1302466-00	100.0 K .25 W 5.0 % CC	2	R19,R21
55	55		1310876-03	.05 5.0 W 3.0 % WW	1	R16
56	56		1313014-00	.01 3.75 W 3.0 % WW	2	R14,R15
57	57		1316638-00	2.49 K .25 W .10% RN55E-B 2	1	R25
58	58		1309295-00	1.80 K .25 W .10% RN55E-B 2	1	R26
59	59		1314187-00	6.19 K .25 W 1.0 % RN55D-F10	1	R29
60	60		1300488-00	12.0 K .25 W 5.0 % CC	1	R32
61	61		1302091-00	330.0 K .25 W 5.0 % CC	1	R34
62	62		1302177-00	47.0 K .25 W 5.0 % CC	1	R33
63	63		1302388-00	2.0 K .25 W 5.0 % CC	1	R38
64	64		1301317-00	10.0 .25 W 5.0 % CC	4	R37,R45,R41,R50
65	65		1300271-00	220.0 .25 W 5.0 % CC	2	R40,R44
66	66		1300496-00	15.0 K .25 W 5.0 % CC	1	R43
67	67		1300417-00	2.20 K .25 W 5.0 % CC	1	R30
68	68		1300219-00	68.0 .25 W 5.0 % CC	2	R42,R46
69	69		1316394-00	270.0 3.0 W 5.0 % WW10	2	R47,R48
70	70		1314239-00	33.0 3.0 W 5.0 % WW	1	R49
71	71		1300426-00	2.70 K .25 W 5.0 % CC	1	R35
72	72		1309094-00	100.0 5.0 W 5.0 % WW	1	R10
73	73		1301695-00	47.0 .50 W 5.0 % CC	2	R56,R59
74	74		1309023-00	2.70 K 1.0 W10.0 % CC	1	R55
75	75		1300295-00	330.0 .25 W 5.0 % CC	1	R51
76	76		1305432-00	5.11 K .25 W .10% RN55E-B 2	3	R23,R24,R28
77	77		1300316-00	470.0 .25 W 5.0 % CC	1	R54

D	I	G	I	T	A	L	TITLE	POWER SUPPLY FOR VT103	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5413739-0-DBP	D

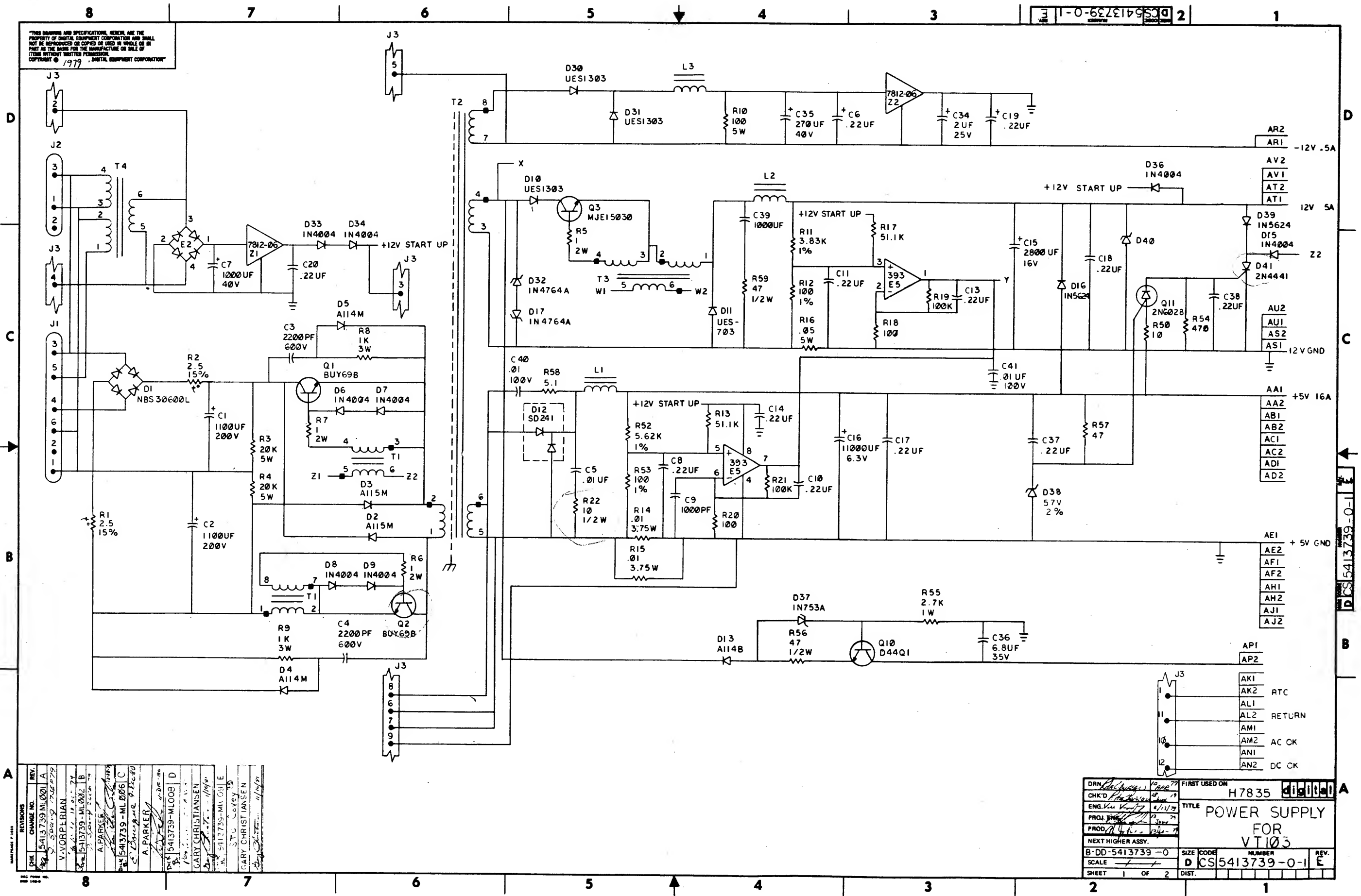
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
78	78		1300202-00	47.0 .25 W 5.0 % CC	1	R57
79	79		1512782-00	NPN 100W S1325 15	2	Q1,Q2
80	80		1516440-00	MJE15030 NPN 50WC S1150 40	1	Q3
81	81		1510706-00	XA 55 PNP 500MW SI 60 50 P	2	Q4,Q6
82	82		1510705-00	XA 05 NPN 500MW SI 60 50 P	2	Q5,Q7
83	83		1514271-00	D 44Q1 NPN 4WC S1125 20	3	Q8-Q10
84	84		1510877-00	2N 6028 UJT 300MW R67B	1	Q11
85	85		1505867-00	2N 4441 SCR 50V & 8A	1	D41
86	86		1616487-00	500 UH 10% .6A	1	L3
87	87		1615253-00	XFMR P=AB S=25V	1	T4
88	88		1614273-00	PULSE XFMR, TRI-WOUND	1	T3
89	89		1614272-00	PULSE XFMR, 4 WOUND	1	T1
90	90		1616486-00	XFMR P=200-375 S=VARIABLE	1	T2
91	91		1614261-00	24.0 UH-80UH DUAL INDUCTOR	1	L1,L2
92	92		1912048-02	DEC 7812 VOLT REG, FIX +12V	2	Z1,Z2
93	93		1914156-00	LM 393 VOLT. COMPARATOR DUAL	1	E5
94	94		1911944-00	555CN TIMER, FUNCT. BLOCK	1	E4
95	95		1910282-00	301AN OP AMP	1	E3
96	96		1914250-00	3524 MODULATOR-REGULATING	1	E1
97	97		7422625-00	SUPPORT, CARD	1	
98	98		1309422-00	5.10 .25 W 5.0 % CC	1	R58
99	99		1001610-01	.01 MFD50/100V +80-20% DISC	2	C40,C41
100	100		9009798-00	SPACER, CERAMIC, .186 ODX.078 ID	4	
101	101		9009798-01	SPACER, CERAMIC, .186 ODX.078 ID	6	
102	102		1214789-00	INSERT, THREADED 6-32, BRASS, ELEC	6	
103	103		9006024-01	SCREW, PAN, PHIL 6-32X 1/2 SS	4	
104	104		9007801-00	WASHER, LOCK, S.S. #6	6	
105	105		9006656-00	WASHER, FLAT, .312 O.D. X .156 I	6	
106	106		9008185-00	NUT, KEP 6-32X1/4 AF	2	
107	107		9006557-00	NUT, KEP 4-40X 1/4 AF	3	
108	108		9006010-01	SCREW, PAN, PHIL 4-40X 5/16 SS	3	
109	109		9009769-00	WASHER, RECTANGULAR .405X.225X.0	1	
110	110		9006664-00	WASHER, FLAT, .437 OD X .218 ID	2	
111	111		9006565-00	NUT, KEP 10-32X 3/8 AF	2	
112	112		9006025-01	SCREW, PAN, PHIL 6-32X 5/8 SS	2	
113	113		9009236-00	SCREW, TAPPING, TYPE F, PAN, PHIL,	2	
114	114		9009676-00	TERM LUG 1POS SOLDER	4	
115	115		9000038-13	SCREW, PAN, PHIL 10-32X 5/16 BR/T	4	
116	116		9009950-01	WASHER, FLAT BR/TIN .203ID X .4380	4	
117	117		9007906-00	WASHER, LOCK S.S. #10	4	
118	118		9009909-00	TERM LUG 1POS SOLDER, FLAT .19	1	
119	119		9008172-00	WASHER, FLAT, SS .250 OD X .125 I	2	
120	120		9107360-88	WIRE, STRND, 18AWG, IPVC UL1429	A/R	
121	121		1313476-00	51.10 K .25 W 1.0 % RN55D-F10	2	R17,R13
122	122		1300229-00	100.0 .25 W 5.0 % CC	2	R18,R20
123	123		9107295-11	TUBING, THIN WALL, .066ID UL	A/R	
124	124		1317231-00	4.99 K .25 W .10% RN55E-B 2	1	R27

D	I	G	I	T	A	L	TITLE	POWER SUPPLY FOR VT103	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5413739-0-DBP	D

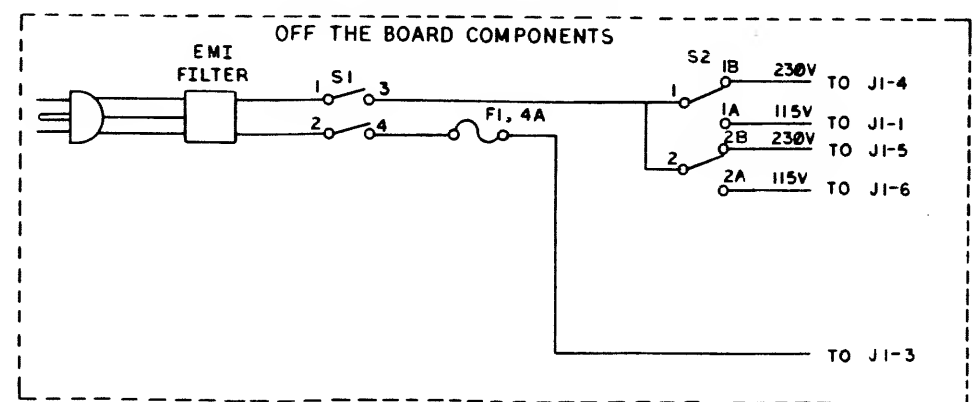
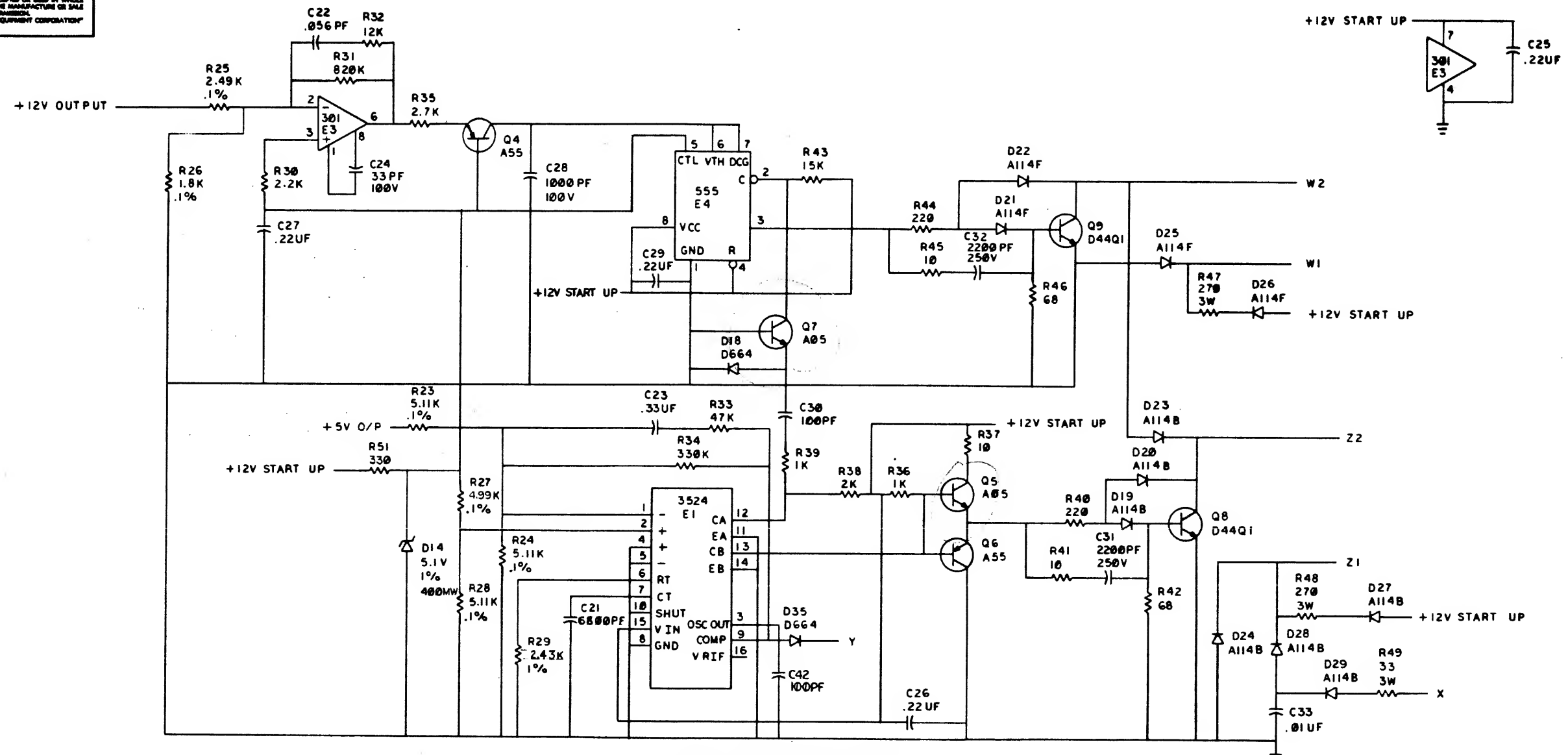
LINE ITEM DOCUMENT NUMBER PART NUMBER DESCRIPTION QTY PER VARIATION 00 REFERENCE DESIGNATOR

125 NOTE: IF PART NO. 1514271-00 IS NOT AVAILALABLE, USE PART NO. 1514271-01

D	I	G	I	T	A	L	TITLE	POWER SUPPLY FOR VT103	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5413739-0-DBP	D



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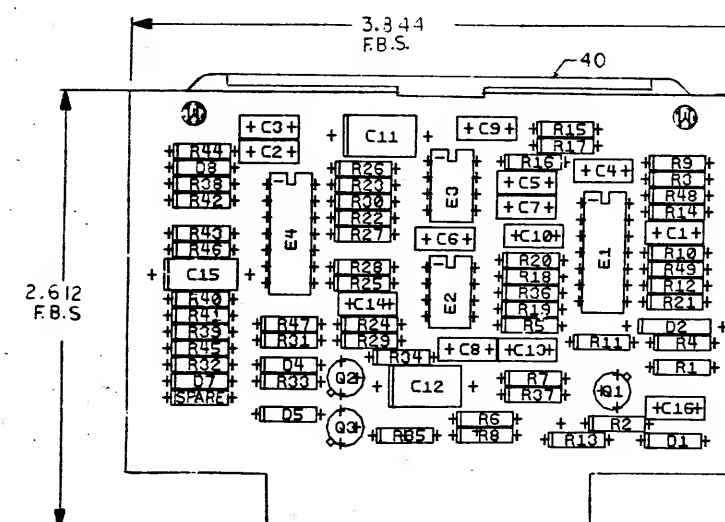


REVISIONS		
CHK	CHANGE NO.	REV.

TITLE		POWER SUPPLY FOR VT103	SIZE CODE		NUMBER	REV.	
SCALE		1/1	SHEET		2 OF 2	DIST.	

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COMPONENT SIDE VIEW



NOTES:

CHG	NO	REV
CL	MLOOZ	C
POWER	CALDERAN	Q.E. Calderan

VUTSRPNMLKJHFEDCBA

VUTSRPNMLKJHFEDCBA

VUTSRPNMLKJHFEDCBA

VUTSRPNMLKJHFEDCBA

ETCH REV. C-P2
P.C. DESIGN DATA BASE REV. C

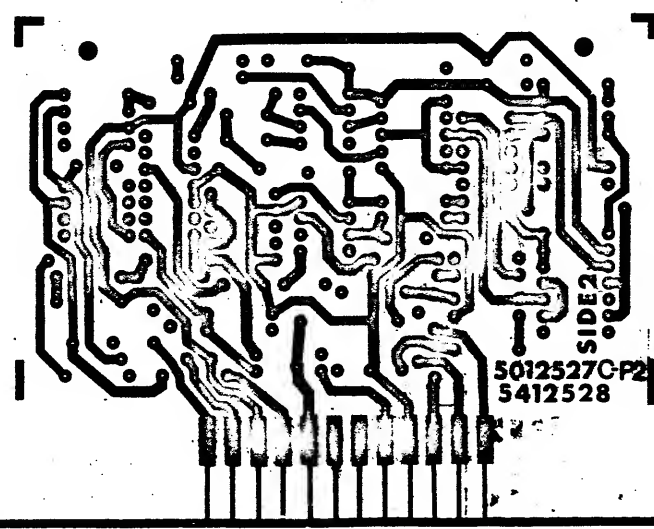
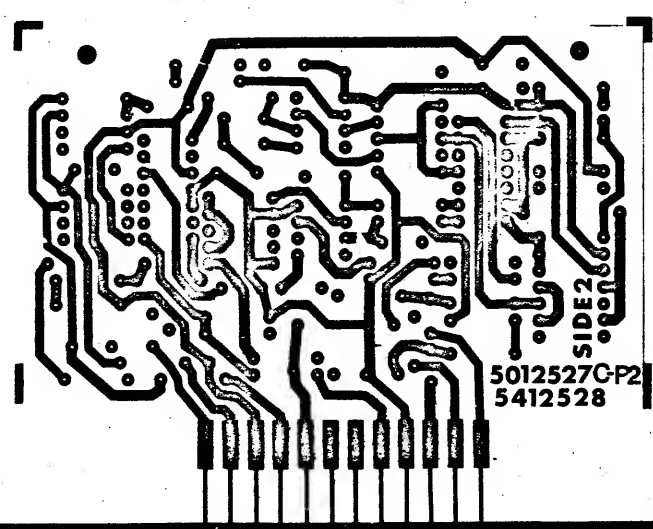
SIGNATURES	DATE	TITLE
DRN. D. POWERS	4-20-79	digital
CHK'D. <i>[Signature]</i>	5-2-79	
ENG. <i>[Signature]</i>	5-2-79	
PROJ. ENG. <i>[Signature]</i>	5-2-79	
PROD. <i>[Signature]</i>	5-2-79	
SCALE 2/1		
SHT. 1 OF 3		
NEXT HIGHER ASSY. C-DD-5412528-0		

H786
POWER MONITOR

SIZE CODE NUMBER REV
D UA 5412528-C-0 C

1 2 3 4 5 6 7 8
DUA5412528-0-0 C

6/79



REVISIONS		
CHK	CHANGE NO	REV

TITLE		SIZE CODE	NUMBER	REV.
DRILL & ETCH DRAWING		DUA	5412528-0-0	C
SCALE	2/1	SHEET	3 OF 3	DIST

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					UO		
1	1	D-MD-5012527-0-0	5012527-00	5412528	1		
2	2		1010274-00	.22 MFD 50V +80-20% Z5U CER	8		C1, C2, C3, C4, C9, C10, C13, C16
3	3		1000016-00	100.0 MMF 100V 5%200PPM MICA	1		C14
4	4		1001610-00	.01 MFD 50V +80-20% Z5U CER	2		C7, C8
5	5		1010031-03	.22 MFD 50V 10% M.POLYCARB	2		C11, C12
6	6		1005116-00	3300.0 MMF 200V 10% MET. MYLR	1		C15
7	7		1100125-00	1N 758A VZ= 10.0 5% .40W PPE	1		D1
8	8		1105873-00	4M5-1A21 VZ= 5.1 1% .400W	1		D2
9	9		1100114-00	D 664 QS\75PC8 PIV= 25V SP	4		D4, D5, D7, D8
10	10		1301322-00	180.0 .25 W 5.0 % CC	1		R1
11	11		1301808-00	22.0 K .25 W 5.0 % CC	4		R2, R3, R9, R13
12	12		1300247-00	120.0 .25 W 5.0 % CC	1		R4
13	13		1313476-00	51.10 K .25 W 1.0 % RN55D-F10	1		R5
14	14		1311320-00	90.90 K .25 W 1.0 % RN55D-F10	1		R6
15	15		1309289-00	63.40 K .25 W .10% RN55E-B 2	1		R7
16	16		1300479-00	10.0 K .25 W 5.0 % CC	10		R10, R17, R20, R32, R33, R34, R38, R42, R49, R35
17	17		1305421-00	35.70 K .25 W 1.0 % RN55D-F10	2	CONT	R11, R12
18	18		1300539-00	120.0 K .25 W 5.0 % CC	1		R14
19	19		1305130-00	133.0 K .25 W 1.0 % RN55D-F10	1		R8
20	20		1309595-00	1.0 M .25 W 5.0 % CC	6		R15, R18, R30, R37, R36, R44
21	21		1300447-00	4.70 K .25 W 5.0 % CC	2		R16, R19
22	22		1301775-00	820.0 .25 W 5.0 % CC	1		R21
23	23		1313167-00	833.0 K .25 W 1.0 % RN55C-F 5	1		R25
24	24		1302395-00	56.0 K .25 W 5.0 % CC	6		R26, R27, R28, R29, R40, R41
25	25		1309680-00	2.70 M .25 W 5.0 % CC	1		R39
26	26		1302466-00	100.0 K .25 W 5.0 % CC	3		R31, R46, R47
27	27		1300398-00	1.80 K .25 W 5.0 % CC	1		R48
28	28		1510705-00	XA 05 NPN 500MW SI 60 50 P	1		Q1
29	29		1511686-00	DEC5433 FET N 350MW 10 25 1A	2		Q2, Q3

REVISION HISTORY		BASIC PART NO: 5412528	
ENG	ECO NUMBER	REV	SECTION A OF A
5412528-ML002		C	SECTION VARIATION INDEX
			[A] 00
			[B]
			[C]
			[D]
			[E]
			[F]
			[H]
			[J]
			[K]
			[L]
			[M]
			[N]
DRN: R.KOPPENALL		DATE: 07-MAR-79	
CHK'D: K.GLEEZEN		DATE: 07-MAR-79	
DES.ENG: JIM GREGORICH		DATE: 07-MAR-79	
RESP.ENG.: JIM GREGORICH		DATE: 07-MAR-79	
MFG.ENG.: R.HAMILTON		DATE: 07-MAR-79	
ASSEMBLY NUMBER: D-UA-5412528-0-0		TOP DOCUMENT NUMBER:	
		FILE NAME: 20411C.PLS	
		EDIT # 3	

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AUTOMATED BY PRTLST.3J(25)

PARTS LIST

SHEET A2 OF A2

LINE	ITEM	DOCUMENT NUMBER
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
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99	99	99
100	100	100

PART NUMBER

DESCRIPTION

QTY PER VARIATION
00

REFERENCE DESIGNATOR

001234567890
001234567890
001234567890

1912108-00
1911944-00
1305424-00
1314387-00
1000042-00
7418695-00
9009000-00
9105740-55
1303311-00
1302685-00
1215993-00

```

339 VOLT CMPRTR,QUAD
555CN TIMER,FUNCT.BLOCK
232.0 K .25 W 1.0 % RN55D-F10
3.90 M .25 W 5.0 % CC
1000.0 MMF 100V 5%200PPM MICA
*** THIS ITEM IS NOT USED ***
*** THIS ITEM IS NOT USED ***
*** THIS ITEM IS NOT USED ***
46.40 K .25 W 1.0 % RN55D-F10
909.0 .25 W 1.0 % RN55D-F10
RETAINER, CARD

```

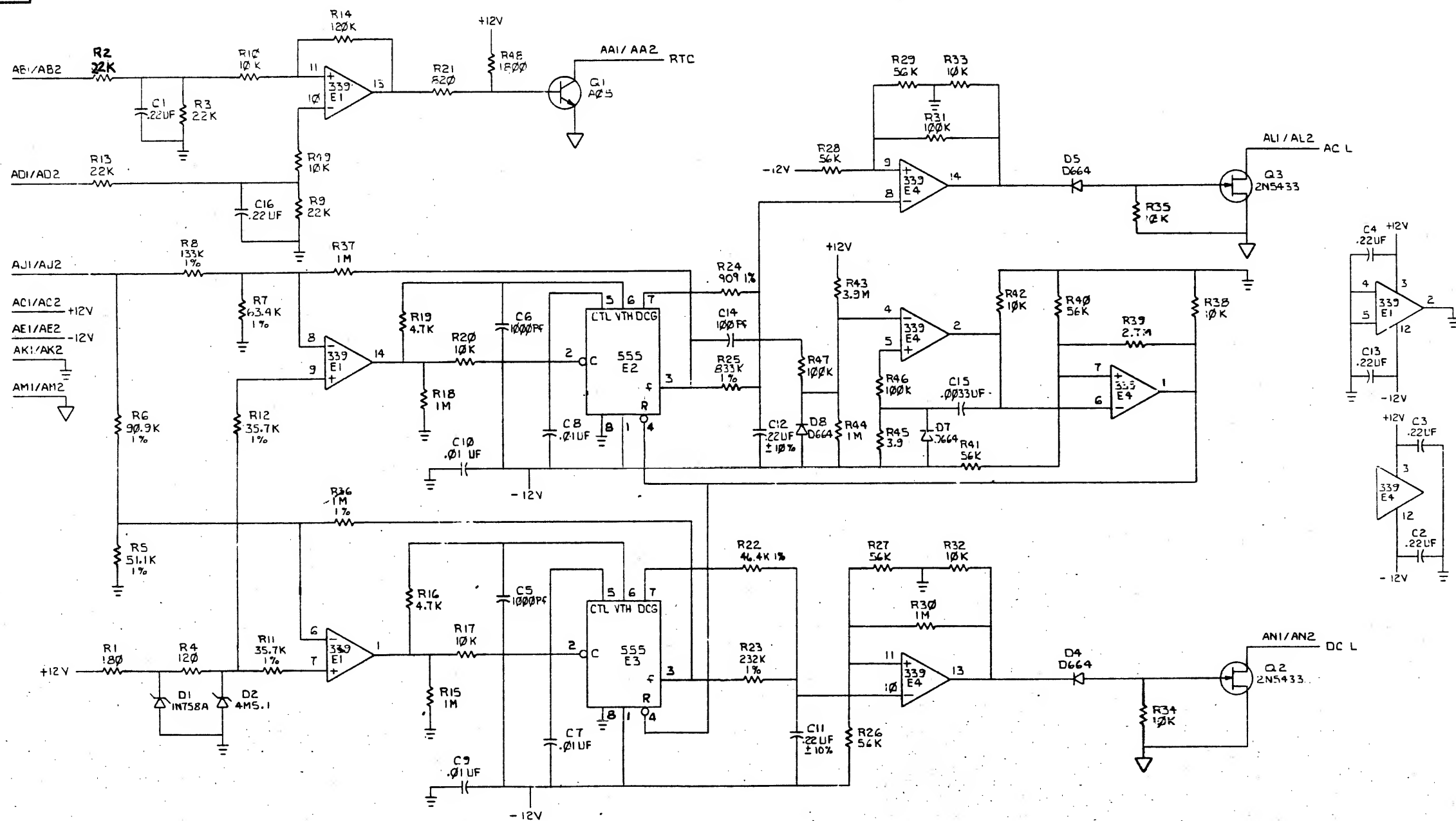
11-11-11

E1, E4
E2, E3
R23
R43, R45
C5, C6

R22
R24

D	I	G	I	T	A	L	TITLE	POWER MONITOR BOARD	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5412528-0-D8P	C

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REV	DATE	BY	CHK
1	11-27-77	JG	B
2	12-15-77	JG	B
3	12-15-77	JG	B
4	12-15-77	JG	B
5	12-15-77	JG	B
6	12-15-77	JG	B
7	12-15-77	JG	B
8	12-15-77	JG	B

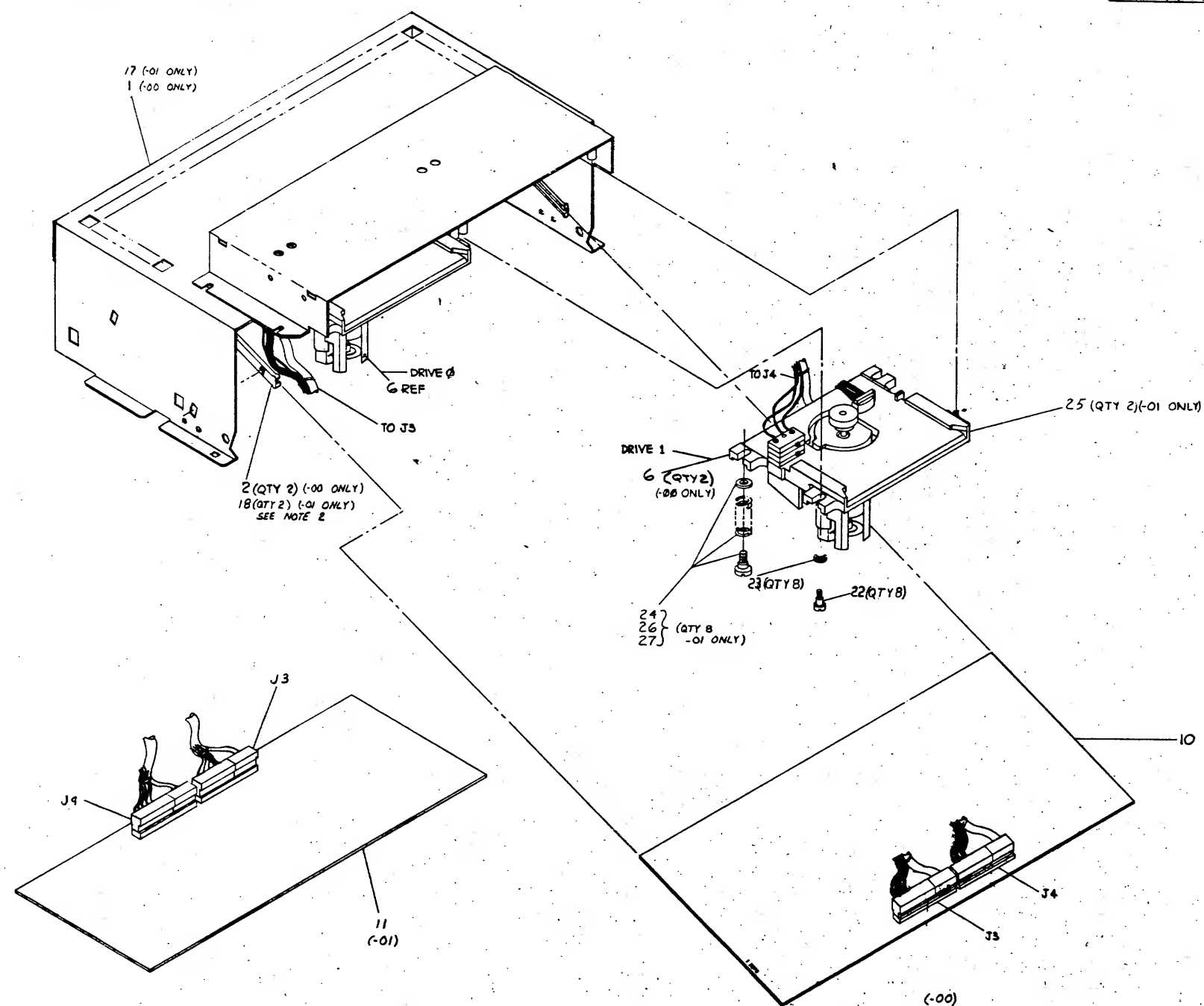
DRN: P. H. H. 4-2-77	FIRST USED ON	H786	Digital
CHK: J. H. H. 12/15/77	TITLE	POWER MONITOR BOARD	
ENG: J. H. H. 12/15/77	PROJ. ENCL.	8-1-77	
PROD: J. H. H. 12/15/77	NEXT HIGHER ASSY.	D-5412528-0-0	
D-5412528-0-0	SCALE	NUMBER	REV
SHEET 1 OF 1	DIST.	5412528-0-1	C

WIRE TABLE	
FROM	TO
DRIVE 0	J3 (BD)
DRIVE 1	J4 (BD)

LEGEND	
NUMBER	VARIATION
7015854-00	W/ PARALLEL TU 58
7015854-01	W/SERIAL TU 58


NOTES:
1-DELETED

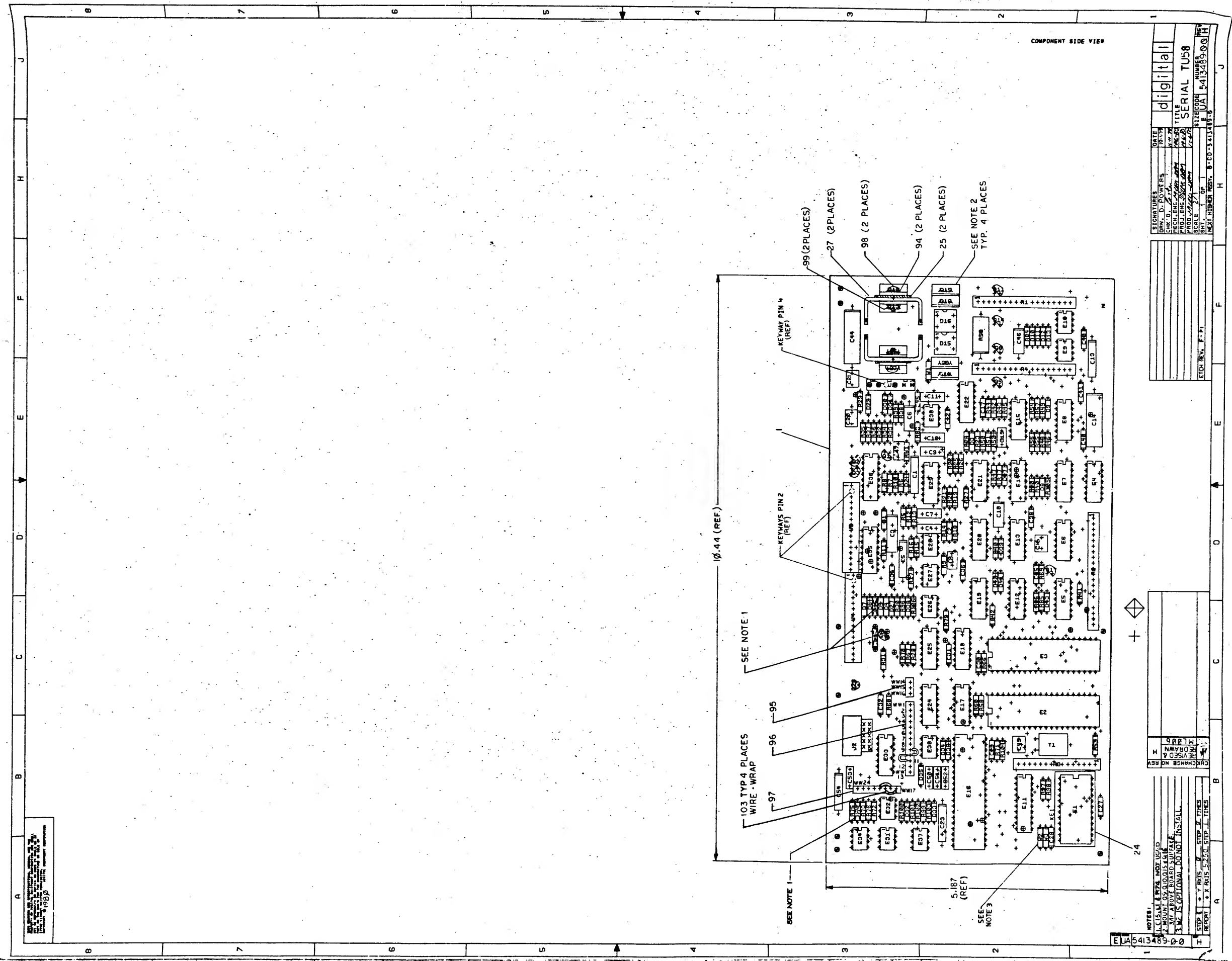
2-ITEM 18 TO BE MOUNTED IN LOWER
SET OF MOUNTING HOLES (-01 ONLY).
ITEM 11 TO BE INSERTED IN CARD
GUIDES IN POSITION SHOWN -01 ONLY.
INSTALL DRIVES (ITEM 6) USING 5 IN LBS
TORQUE ON SCREWS (ITEM 19).



CAUTION: OFF SHEET PARTS LIST EXISTS
REFER TO K-PL-7015854-0-DBP

[illegible]

		DESCRIPTION		DRAWING NO.		ITEM NO.	
		UNLESS OTHERWISE SPECIFIED					
UNIT NO. PART NO. QUANTITY QUALITY NO.	CLASS OF FREQUENCY SERVICE CODE	PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 00					
		NUMBER PREFERRED NO.					
SECURITY & CLASSIFICATION		FIRST USED ON PORT 11 TITLE HSG/MODULE ASSY. TAPE DRIVE					
DO NOT SCALE DIMS SEE PARTS LIST		NEXT NUMBER ASSY. 4-57-706292-0-0 SIZE CODE AD 704585-0-0					



LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY	PER VARIATION	REFERENCE DESIGNATOR
					00		
1	1		5013488-00	TU58 ELECTRONIC SERIAL	1		
2	2		1215816-00	HEADER.100 15POS STRAIGHT	2		J3,J4
3	3		1000021-00	220.0 MMF 100V 5%200PPM MICA	1		C10
4	4		1000023-00	*** THIS ITEM IS NOT USED ***	-		
5	5		1010978-36	.1 MFD 50V 10% CER	3		C8,C16,C47
6	6		1000042-00	1000.0 MMF 100V 5%200PPM MICA	2		C9,C7
7	7		1001610-00	.01 MFD 50V +80-20% 25U CER	17		C2,C17,C27-C33,C35,C36,C38,C40,
8	8		1001776-00	1 MFD 35V 10% S.TANT	2	CONT	C41,C42,C43,C45
9	9		1002315-00	2000.0 MMF 500V 5%200PPM MICA	1		C6,C46
10	10		1013466-21	3.3 MMF 50V+- .5PF CER	1		C12
11	11		1002431-00	2.2MFD 35V 10% S.TANT	2		C4
12	12		1005306-00	6.8MFD 35V 10% S.TANT	4		C1,C3
13	13		1005334-00	*** THIS ITEM IS NOT USED ***	-		C5,C13,C23,C54
14	14		1005820-00	22.0 MMF 100V 5%200PPM MICA	1		C11
15	15		1010978-40	.22 MFD 50V 10% CER	1		C19
16	16		1011895-00	.15 MFD 35V 10% S.TANT	1		C18
17	17		1012312-00	*** THIS ITEM IS NOT USED ***	-		
18	18		1100101-00	*** THIS ITEM IS NOT USED ***	-		
19	19		1102808-00	1N 752A VZ= 5.6 5% .40W	1		D27
20	20		1105275-00	D 672 TR= 15NS PIV= 60V SI	25		D1-D13,D31,D33-D43
21	21		1110324-00	LED 1MCD@10MA PIV=3	1		D28
22	22		1115369-00	VM 18 PIV=100 I=1A	2		D15,D16
23	23		1213506-04	HEADER 10POS RT ANGLE W/3 SI	1		J2
24	24		1212385-04	SOCKET 24PIN IC	1		XE1
25	25	USED FOR Q7 & Q12	1213071-06	INSULATOR,RUBBER SILICONE	2		
26	26		1213113-01	*** THIS ITEM IS NOT USED ***	-		
27	27		1213418-01	HEAT SINK,VERTICLE MNT,ALUMINUM	2		
28	28		1300247-00	120.0 .25 W 5.0 % CC	1		R75
29	29		1300274-00	*** THIS ITEM IS NOT USED ***	-		

REVISION HISTORY			BASIC PART NO: 5413489		DRN: DAN MUTNANSKY		DATE: 22-MAY-78		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: P. BOSSMAN		DATE: 6-JUNE-78		TITLE PARTS LIST			
---	INIT	C	SECTION VARIATION INDEX		CHK'D: P. BOSSMAN		DATE: 6-JUNE-78		TITLE PARTS LIST			
PB	5413489-ML001	D	[A] 00						SERIAL TU58			
M.L	5413489-ML003	E	[B]									
ML	5413489-ML004	F	[C]		DES.ENG: MIKE LEIS		DATE: 22-MAY-78					
D.M	5413489-ML006	H	[D]									
			[E]									
			[F]		RESP.ENG.: M. LEIS		DATE: 6-JUNE-78		DOCUMENT NUMBER			
			[G]									
			[H]									
			[I]									
			[J]									
			[K]		MFG.ENG.: P. BARTON		DATE: 6-JUNE-78		K	PL	5413489-0-DBP	H
			[L]									
			[M]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
			[N]		E-UA-5413489-0-0		TU58		Z0582H.PLS		38	

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REPTITION

3.3.4. 國際標準

00

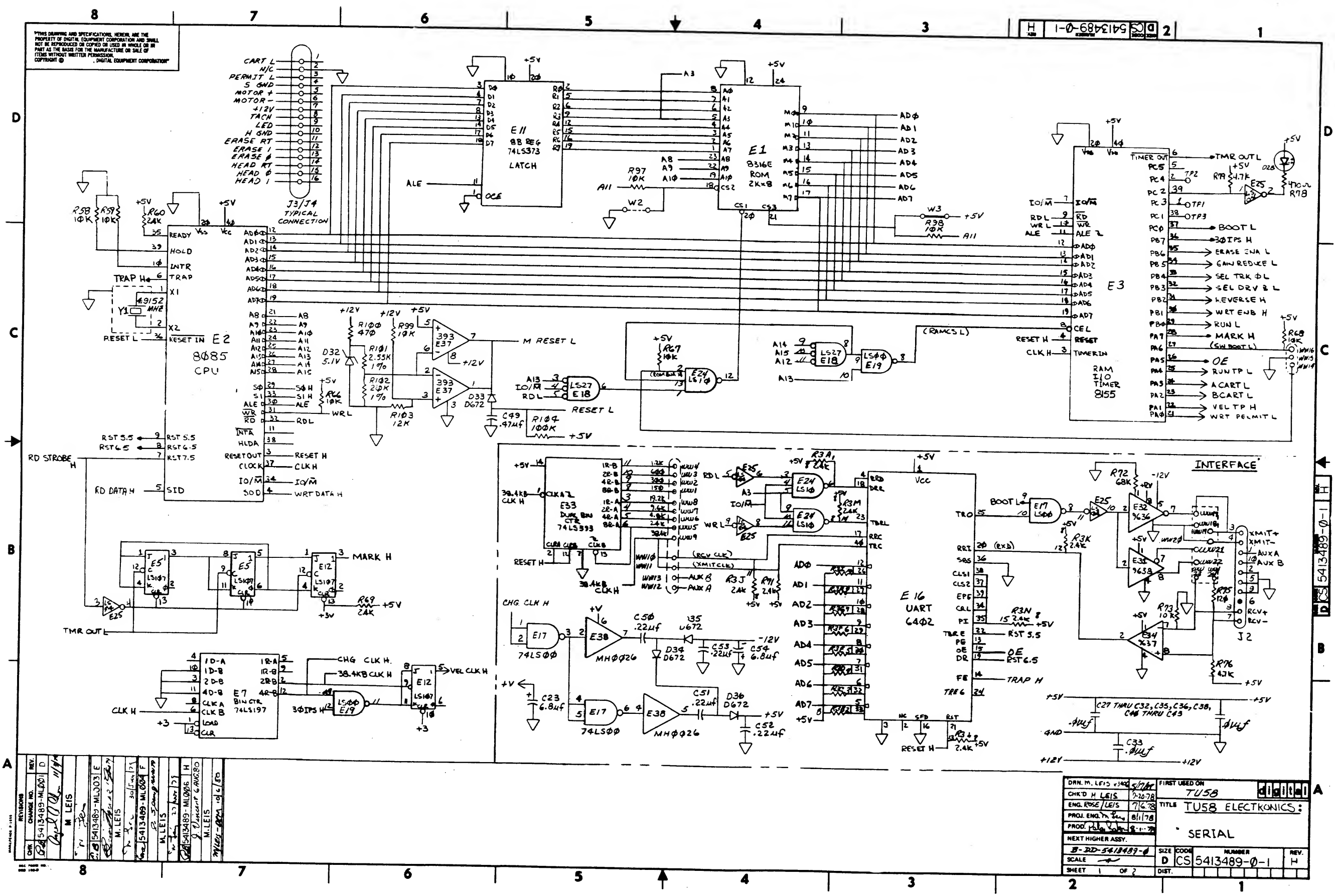
REFERENCE DESIGNATOR

D	I	G	I	T	A	L	TITLE	SERIAL TU58	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										K	PL	5413489-0-DBP	H

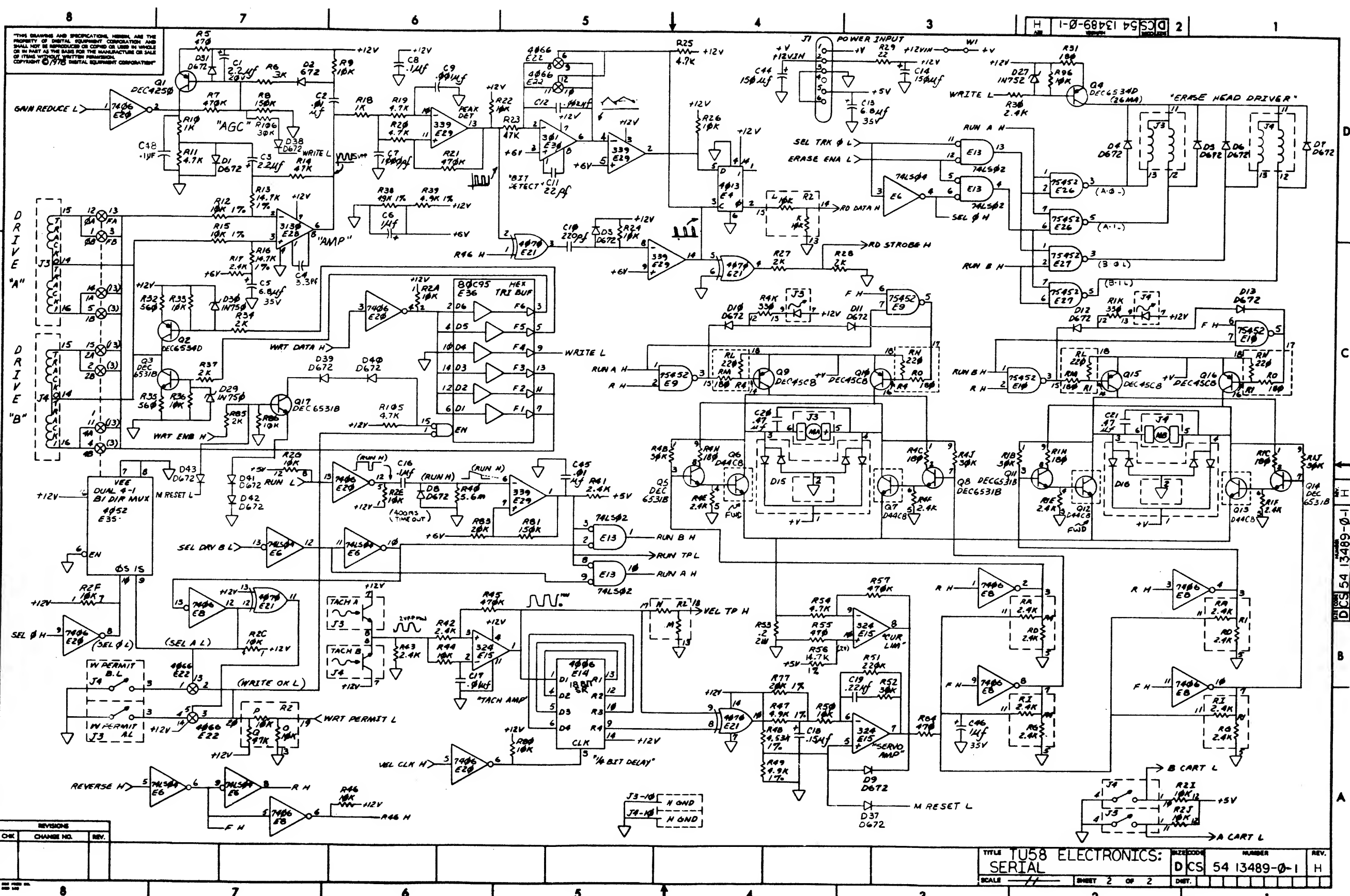
LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
76	76		1914451-00	74LS393 COUNTER,BINARY,4BIT	1	E33
77	77		1914466-00	3130E OP AMP MOS/FET IN,CM	1	E28
78	78		1915219-00	LS373 FF-D OCTAL-TRANSPARE	1	E11
79	79		1915415-00	9636 DRIVER,DUAL,EIA RS-	1	E32
80	80		1915416-00	9637 RECEIVER,DUAL,RS-42	1	E34
81	81		1915417-00	9638 DRIVER,DUAL,EIA RS-	1	E31
82	82		2113605-00	4006B SHIFT REG,18 STAGE	1	E14
83	83		2113609-00	4013B FF-D DUAL W/SET/RESE	1	E4
84	84		2113630-00	4052B MULTIPLEXER 4CHAN DI	1	E3C
85	85		2113632-00	4065B BILATERAL SWITCH-QUA	1	E22
86	86		2113634-00	4070B X-OR GATE-QUAD CMOS	1	E21
87	87		2113937-00	UART 125K BUAD	1	E16
88	88		2114663-00	MM 80C95 BUFFER-GATE-HEX TRIS	1	E36
89	89		2114963-00	UP,8-BIT NMOS	1	E2
90	90		2114964-00	RAM 2048 MOSJ-STATIC	1	E3
91	91		23089E2-00	E2-01	1	E1
92	92		1212619-07	HEADER.156 6POS STRAIGHT	1	J1
93	93		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	2	W1,W3
94	94	USED FOR Q7 & Q12	9010057-00	WASHER, INSULATING SHOULDER FOR	2	
95	95		1215816-01	HEADER.100 3POS STRAIGHT	1	
96	96		1215816-02	HEADER.100 13POS STRAIGHT	1	
97	97		1215816-03	HEADER.100 8POS STRAIGHT	1	
98	98		9006011-01	SCREW,PAN,PHIL 4-40X 3/8 SS	2	
99	99		9006557-00	NUT,KEP , 4-40X 1/4 AF	2	
100	100		1100124-00	1N 750A VZ= 4.7 5% .40W P	2	D29,D30
101	101		1301890-00	560.0 .25 W 5.0 % CC	2	R32,R35
102	102		1313840-00	4.53 K .25 W 1.0 % RN55D-F10	1	R48
103	103		9105740-55	WIRE(WRAP)30AWG UL1423	A/R	
104	104		1012084-03	150 MFD 15V +75-10% AL EL	2	C44,C14
105	105		9107256-11	*** THIS ITEM IS NOT USED ***	-	
106	106		1910741-01	7406N BUFFER,HEX	1	E20
107	107		5414232-00	*** THIS ITEM IS NOT USED ***	-	
108	108		1310633-00	2.55 K .25 W 1.0 % RN55D-F10	1	R101
109	109		1300488-00	12.0 K .25 W 5.0 % CC	1	R103
110	110		1302466-00	100.0 K .25 W 5.0 % CC	1	R104
111	111		1105871-00	1/4M5.1A21 = 5.1 1% .25W N	1	D32
112	112		1914156-00	LM 393 VOLT.COMPARATOR DUAL	1	E37
113	113		1912098-00	0026 DRIVER,MOS CLOCK,2	1	E38
114	114		1010274-01	.22 MFD 50V +80-20% Z5U CER	4	C50-C53
115	115		1010279-00	.47 MFD 25V 20% CER	3	C20,C21,C49

D	I	G	I	T	A	L	TITLE	SECTION A	OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							SERIAL TU58			K	FL	5413489-0-DBP	H

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DRN. M. LEIS	5/7/78	FIRST USED ON	TU58
CHK'D H. LEIS	7/26/78	TITLE	TU58 ELECTRONICS:
ENG. ROSE LEIS	7/16/78	SERIAL	
PROJ. ENG. M. LEIS	8/1/78		
PROD. P. LEIS	8/1/78		
NEXT HIGHER ASSY.			
8-22-5413489-0		SIZE CODE	NUMBER
SCALE		D	CS 5413489-0-1
SHEET 1 OF 2		DIST.	



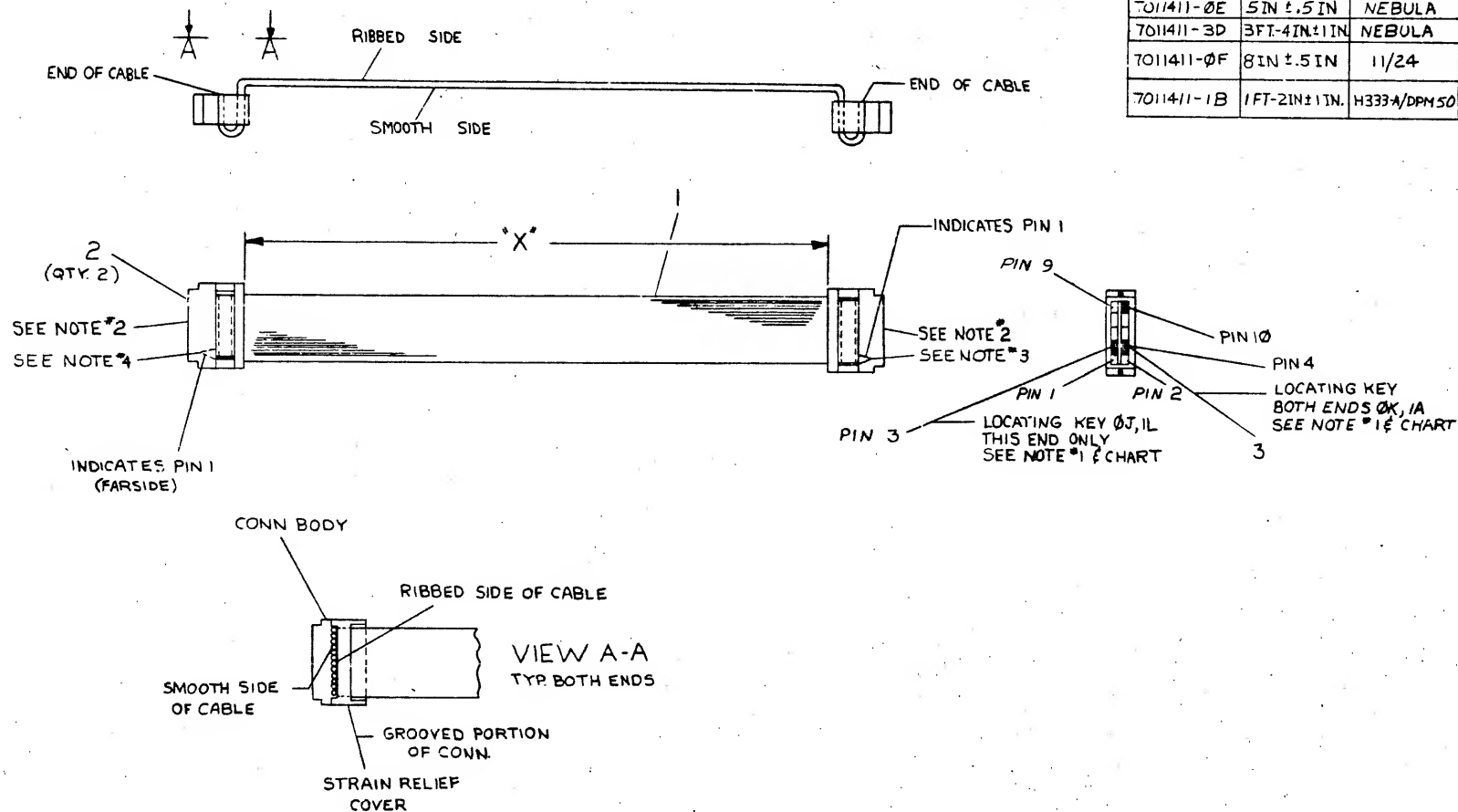
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LEGEND

NUMBER	DIM "X" VARIATION	USED ON	KEY PIN
7011411-0J	8 IN ±.5 IN	BA11-L OR K	10 ONE END
7011411-0K	9 IN ±.5 IN	LS1-11	1 BOTH ENDS
7011411-1D	1 FT-4 IN ±1 IN	KY11-LB	70 ONE END
7011411-2D	2 FT-4 IN ±1 IN	BA11-F/DO HPF	70 ONE END
7011411-0H	7 IN ±.5 IN	H790, 1, 2, 3	
7011411-1J	1 FT-8 IN ±1 IN	1104/34-7A	
7011411-1L	1 FT-10 IN ±1 IN	BA11-L, H777	PIN 3 1 END
7011411-1A	1 FT-1 IN ±1 IN	H787	1 BOTH ENDS
7011411-3J	3 FT-8 IN ±1 IN	BA11-K, H785	
7011411-2J	2 FT-8 IN ±1 IN	BA11-K-H785	NO KEY
7011411-5F	5 FT-6 IN ±1 IN	1160	8 ONE END
7011411-12	12 FT ±.3 IN	KA570	
7011411-7	7 FT ±.2 IN	11780	
7011411-1C	1 FT-3 IN ±1 IN	VT103	SEE NOTES 3 AND 4
7011411-2	2 FT ±1 IN	VT103	SEE NOTES 3 AND 4
7011411-0E	5 IN ±.5 IN	NEBULA	10 BOTH ENDS
7011411-3D	3 FT-4 IN ±1 IN	NEBULA	5 BOTH ENDS
7011411-0F	8 IN ±.5 IN	11/24	PIN 3 ONE END PIN 6 ONE END
7011411-1B	1 FT-2 IN ±1 IN	H333-A/DPM50	4 BOTH ENDS

NOTES:

1. INSERT KEY IN PROPER CONNECTOR PIN AND BREAK OFF TAB.
2. FOR ITEM (2) DRAWING IS SHOWING 3M CONNECTOR.
3. FOR -1C AND -2 VARIATIONS, KEY PIN 6.
4. FOR -1C AND -2 VARIATIONS, KEY PIN 5.



1	TIE, CABLE	9007031	5
1	LABEL, CABLE IDENT.	9009532	4
AR	KEY	9009707	3
2	CONN. CRIMP	1211206-02	2
AR	CABLE, 10 CONDUCT	9107747-02	1

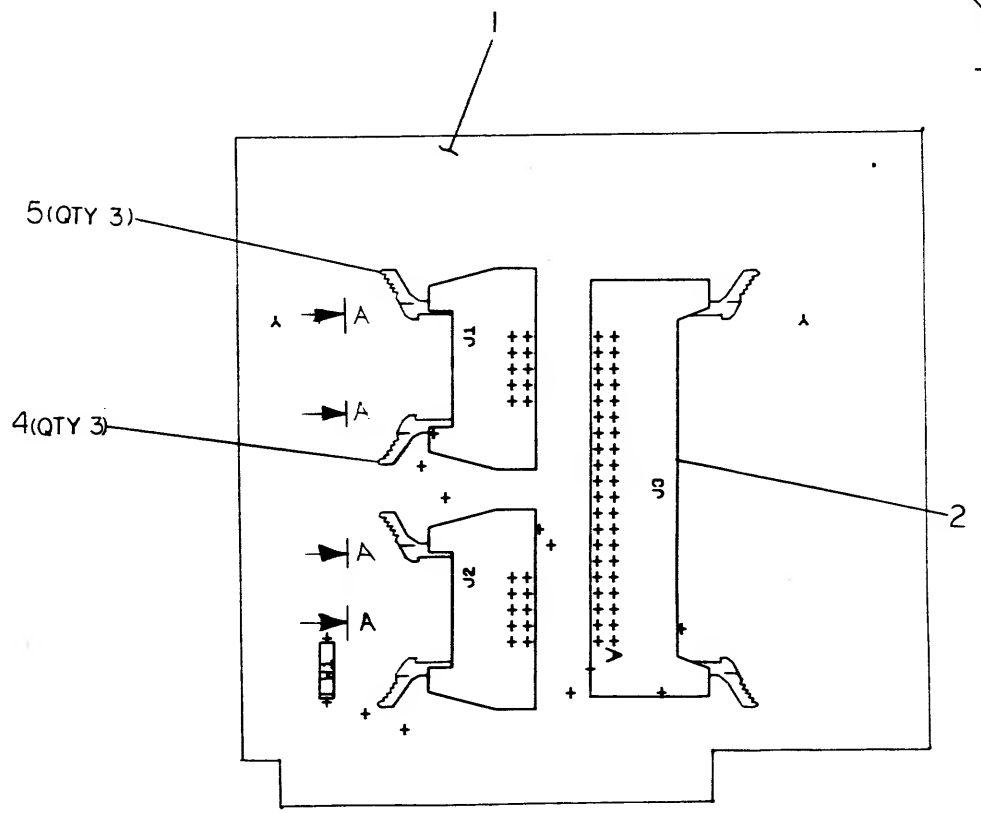
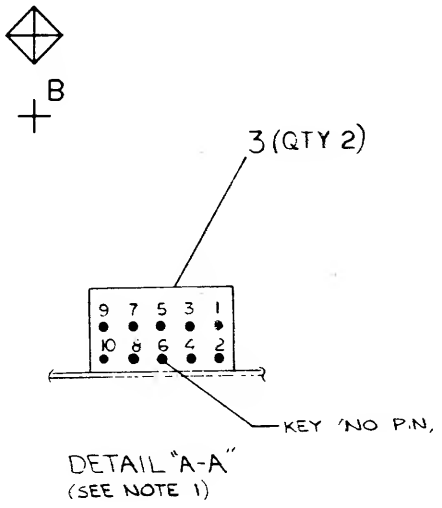
DESCRIPTION	DWG./PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
ANGLES 10° 30°	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES
SURFACE QUALITY	CHECK ONE	OVER 40 TO 120 OVER 120 TO 400 OVER 400 TO 800 OVER 800 TO 1600
MEDIUM	PREFERRED	±.004 ±.008 ±.012 ±.016 ±.024 ±.04
MICROFINISHES	PREFERRED	±.012 ±.016 ±.025 ±.04 ±.06 ±.1

THIRD ANGLE PROJECTION	DRN: A. BARTIST 5-20-75	FIRST USED ON	SEE LEGEND
REMOVE BURRS AND BREAK SHARP CORNERS	CHKD: D. HEALY 5-13-75	TITLE	CABLE CONSOLE BACKPLANE
DO NOT SCALE DWG	ENG: R. BARRY 5-12-75	SIZE	D 1A
MATERIAL SEE PARTS LIST	PROD: R. PETERS 5-19-75	NUMBER	7011411-0-0
FINISH	NEXT HIGHER ASSY.	REV.	V
SCALE NONE	SCALE	DIST.	
SHEET 1 OF 1			

REV.	CHANGE NO.	BY	DATE
1	1	M	5/22/75
2	2	M	5/22/75
3	3	M	5/22/75
4	4	M	5/22/75
5	5	M	5/22/75
6	6	M	5/22/75
7	7	M	5/22/75
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99	99	M	5/22/75
100	100	M	5/22/75

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NOTES:
1. PIN #6 OF J1 AND J2 MUST BE CUT OUT BEFORE ASSEMBLY.



NOTES: 1. SPARE COMPONENTS ARE: WI

CHANGE NO	REV	DATE	BY	APP
544350-MR	B	11 SEP 77	J. KING	
11 SEP 77				
11 SEP 77				
11 SEP 77				
11 SEP 77				
11 SEP 77				
11 SEP 77				
11 SEP 77				
11 SEP 77				

ETCH REV.	B
P.C. DESIGN DATA BASE REV.	A

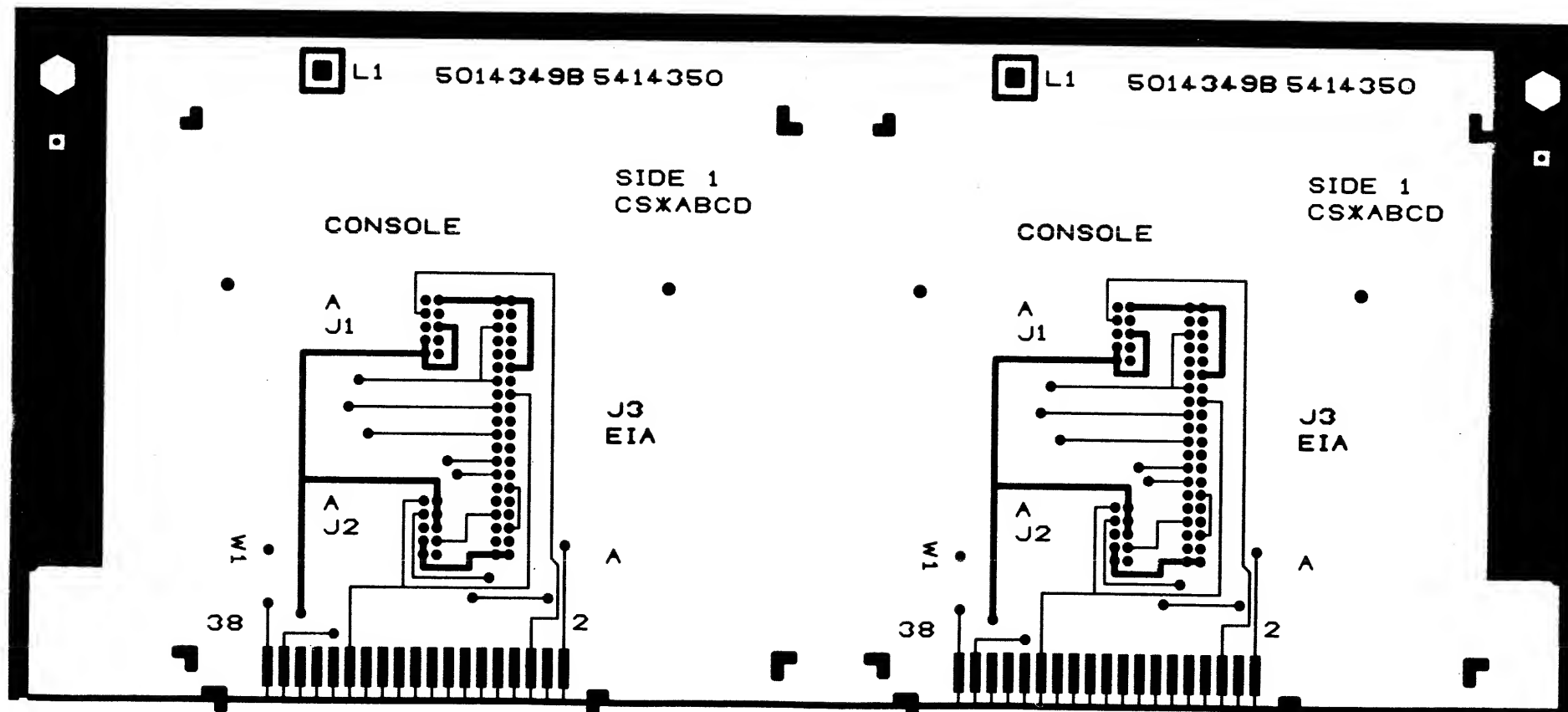
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CHK. <i>[Signature]</i>	2-1-77	
ENG. <i>[Signature]</i>	10-1-77	
PROJ. ENG. <i>[Signature]</i>	10-1-77	
PROD. <i>[Signature]</i>	10-1-77	
SCALE 2/1		
SHT. 1 OF 3		
NEXT HIGHER ASSY. 8-DD-5414350-0		

SIZE	CODE	NUMBER	REV
0	UA	5414350-0-0	B

MR 1 MS# 190430

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SIZE CODE NUMBER
DUA5414350-0-0 B 2 1



REVISIONS		
CHK	CHANGE NO	REV

TITLE
STP CONNECTOR CARD
SCALE 2/1 SHEET 2 OF 3
SIZE CODE NUMBER
DUA5414350-0-0
REV. B

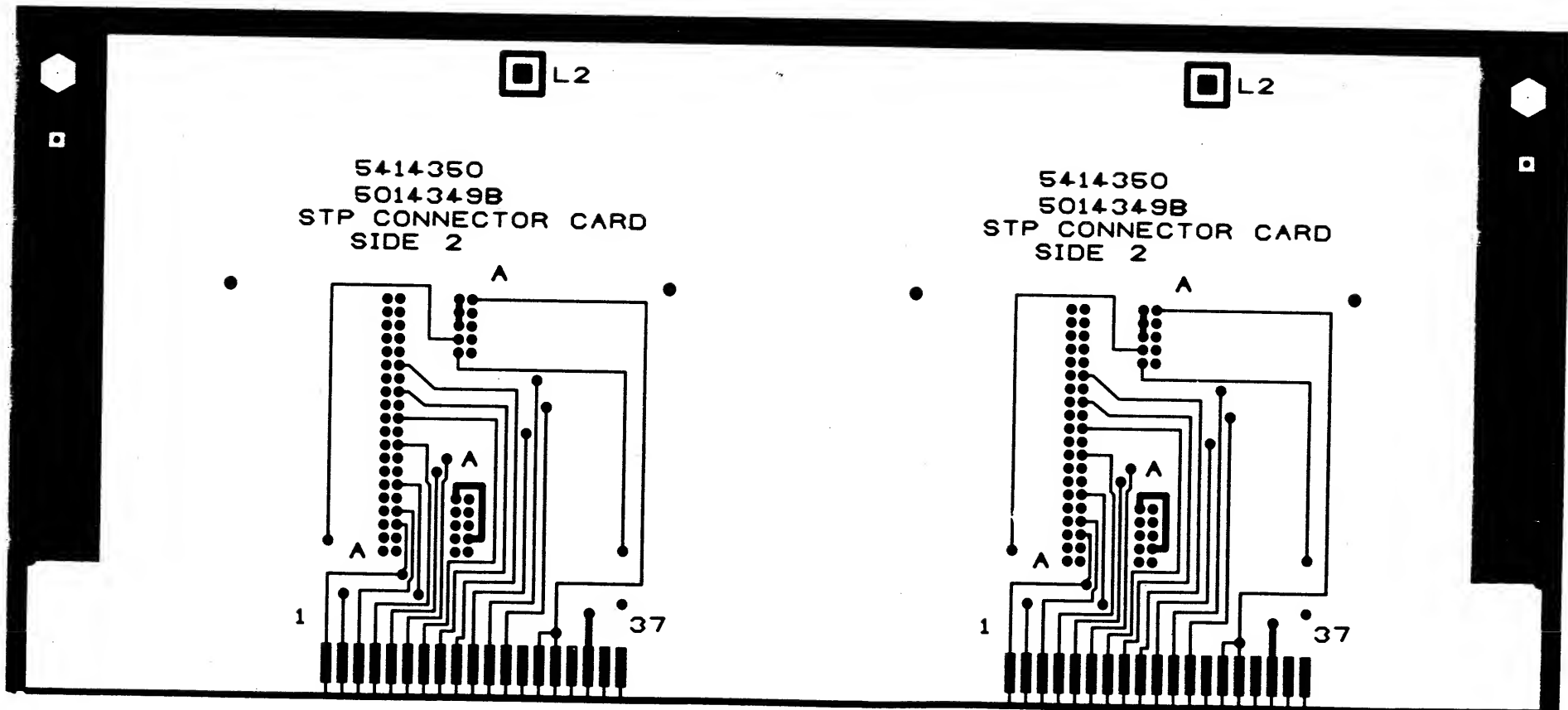
MR

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2 DUA5414350-0-0 B

D
C
B
A

D
C
B
A



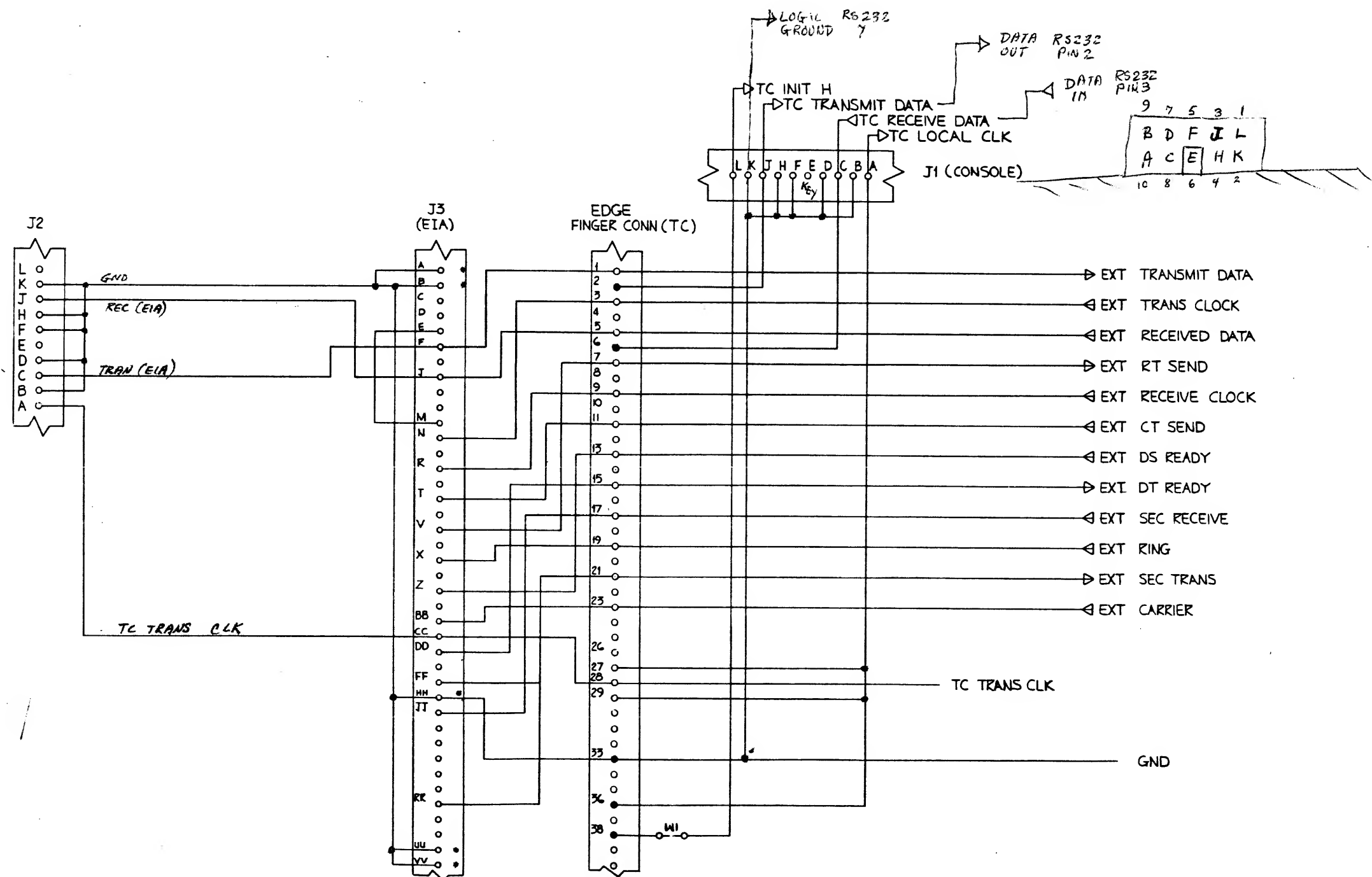
REVISIONS		
CHK	CHANGE NO	REV.

TITLE		SIZE CODE	NUMBER		REV.
STP CONNECTOR CARD		DUA	5414350-0-0		B
SCALE 2/1		SHEET 3 OF 3		DIST.	

8 7 6 5 4 3 2 1 MR

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1-0-05414350-0-1 2 1



DRN: C. L. L.	DATE: 8-12-79	FIRST USED ON: digital
CHK'D: B. L. L.	DATE: 8-12-79	TITLE: STP CONNECTOR CARD
ENG: A. L. L.	DATE: 8-12-79	PROJ. ENG: S. L. L.
PROD. M. L. L.	DATE: 8-12-79	NEXT HIGHER ASSY:
B-00-5414350-0		SIZE CODE: D CS
SCALE: 1	OF: 1	NUMBER: 5414350-0-1
SHEET: 1	OF: 1	REV. A

5414350-0-1 A

AUTOMATED BY PRTLST,3L(32)

PARTS LIST

SHEET A1 OF A1

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
1	1	D-MD-5014349-0-0	5014349-00	ETCH CIRCUIT BD	1	
2	2		1209941-02	HEADER 100 40POS RT ANGLE	1	J3
3	3		1209941-05	HEADER,100 10POS RT ANGLE	2	J1,J2
4	4		1209941-03	HEADER RT ANGLE LEFT L	3	
5	5		1209941-04	HEADER RT ANGLE,RIGHT	3	

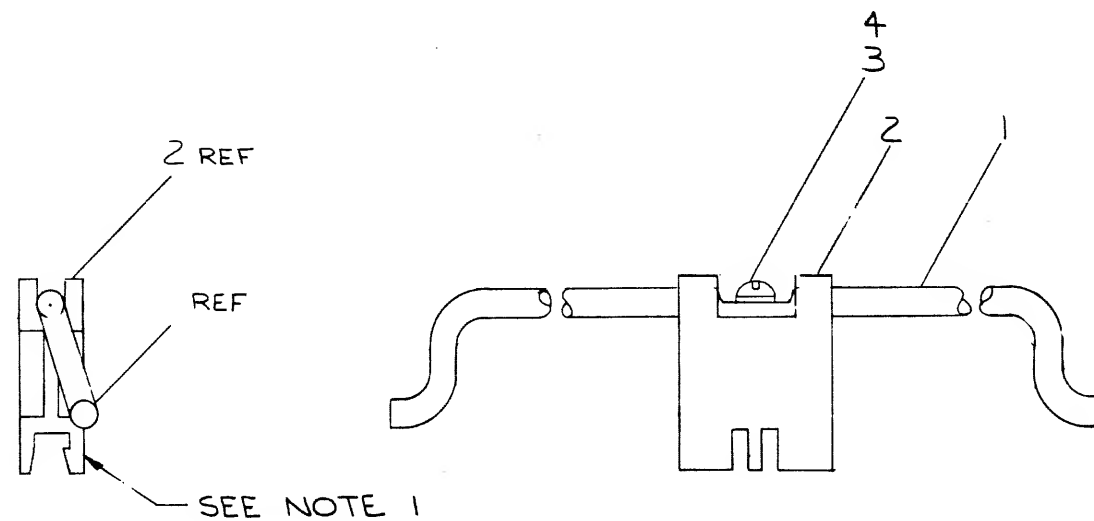
REVISION HISTORY		BASIC PART NO: 5414350		DRN: E.WILSON	DATE: 07-JUN-79	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION A OF A	CHK'D: R.W.CAUNTER	DATE: 07-JUN-79	TITLE PARTS LIST			
---	INITIAL	A	SECTION VARIATION INDEX	DES.ENG: C.LAU	DATE: 19-JUN-79	5414350 STP CONNECTOR CARD			
			(A) 00	RESP.ENG.: D.SCHANIN	DATE: 19-JUN-79	DOCUMENT NUMBER			
			(B)	MFG.ENG.: M.WHITESLEY	DATE: 09-JUL-79	SIZE	CODE	NUMBER	REV
			(C)	ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	K	PL	5414350-0-DBP	A
			(D)	D-UA-5414350-0-0	B-DD-5414350-0-0	FILE NAME:		EDIT #	
			(E)			Z0536A,PLS		3	
			(F)	"THIS DRAWING AND SPECIFICATIONS HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT (C) 1979, DIGITAL EQUIPMENT CORPORATION"					
			(G)						
			(H)						
			(I)						
			(J)						
			(K)						
			(L)						
			(M)						
			(N)						

MR

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NOTES:

1. IMPORTANT: ORIENTATION OF BLOCK TO ANGLE OF BEND HAS TO BE AS SHOWN.



1	WASHER, INT TOOTH, #4	9006632-00	4
1	SCR, PHL PAN HD, TYPE F, 4-40	9009236-00	3
1	HOLDER, MODULE	D-MD-7422784-0-0	2
1	RETAINER, SPRING	D-MD-7422783-0-0	1

				DESCRIPTION				DWG./PART NO.				ITEM NO.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES													
ANGLES 0° 30'		CLASS OF ACCURACY (CHECK ONE)		NOMINAL DIMENSION RANGE INCHES									
				OVER 0 TO 0.2	OVER 0.2 TO 1.2	OVER 1.2 TO 4.0	OVER 4.0 TO 12.0	OVER 12.0 TO 40.0	OVER 40.0 TO 80.0				
SURFACE QUALITY IN MICROINCHES		MEDIUM <input checked="" type="checkbox"/>		±.004	±.008	±.012	±.018	±.024	±.04				
		PREFERRED <input type="checkbox"/>		±.012	±.018	±.025	±.04	±.063	±.1				
QUANTITY & VARIATION													

THIRD ANGLE PROJECTION		DRN. <i>M. P. P.</i> 3 MAY 79	FIRST USED ON	VT103	digital
REMOVE BURRS AND BREAK SHARP CORNERS		CHK'D <i>D. M. P.</i> 12-20-79	TITLE		
DO NOT SCALE DWG		ENG. <i>D. Schen</i> 31-OCT-79	MODULE RETAINER ASSY		A
MATERIAL SEE PARTS LIST		PROD. <i>M. E. M. H.</i> 30 OCT 79	NEXT HIGHER ASSY.		
FINISH NONE		B-PL-7017313-0-0	SIZE CODE	NUMBER	REV.
		SCALE 2/1	C AD	7016815-0-0	
		SHEET 1 OF 1	DIST.		

REVISIONS		REV.
CHK	CHANGE NO.	

DEC FORM NO.
ENC 100-C

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SHIPPING LIST (5414008)

FIELD MAINTENANCE PRINT
SET ORDER NO.MPO0728

REVISIONS	REV		USED ON OPTION/MODEL		DRN.	DATE	TITLE: <div>digital</div> FIELD MAINTENANCE PRINT SET									
	CHG. NO.		VT103		Wilson	27 MAR 79										
	DATE					CHK'D	DATE									
						EW	5 MAR 79									
						PROJ. ENG.	DATE									
						Am	5/29/79									
						FIELD SERV.	DATE									
					M. B. Smith	30 MAR 79										
			SHEET 1 OF 1				SIZE B	CODE TC	NUMBER 5414008-0-2				REV.			
							DIST.									

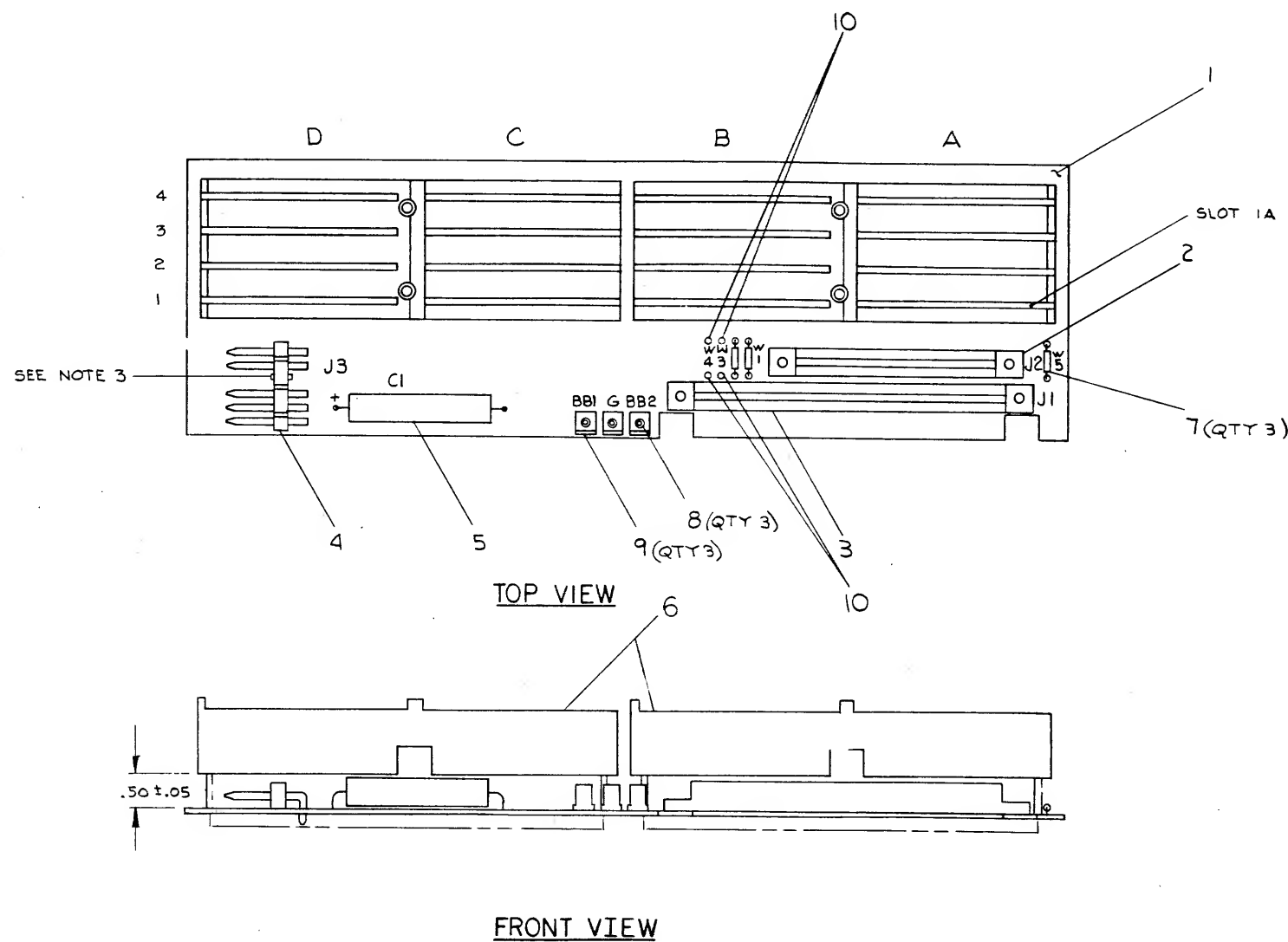
DRR 124

DRB 124

MR

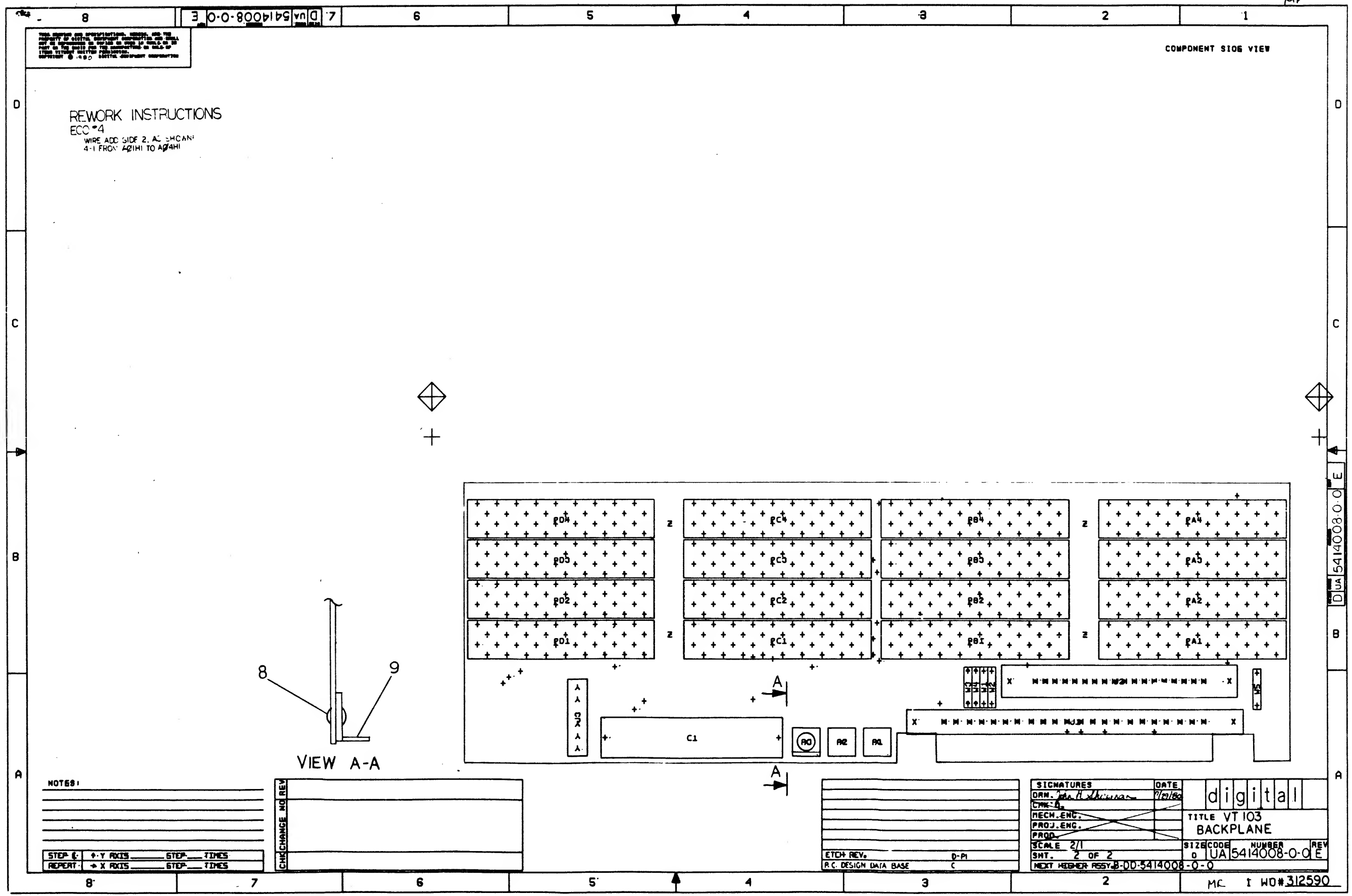
NOTES:

1. ALL ITEMS ARE HAND INSERTED.
2. INSTALL ITEMS 7 AND 10 (JUMPERS & WIRE-WRAP PINS) FIRST.
3. THIS PIN MUST BE TRIMMED OFF (BOTH SIDES OF NYLON CARRIER) OR REMOVED FROM NYLON CARRIER BEFORE INSTALLING.
4. CPU SLOTS: 1A-1B FOR DAUL SIZE MODULE. 1A-1B-1C-1D FOR QUAD SIZE.
5. ~~ITEM 2 IS FIRST CUT INTO 50 INCH LENGTHS (TOTAL 10), THESE LENGTHS ARE THEN SLID INTO THE FOLLOWING PINS OF ITEM 6:~~
~~A01A1, A04A2, A05V1, A04V2~~
~~B01A1, B04A2, B05V1, B04V2~~
~~C01A1, C04A2, C05V1, C04V2~~
~~D01A1, D04A2, D05V1, D04V2~~
6. ITEMS 2 AND 3 MUST BE INSTALLED FLUSH WITH THE PRINTED CIRCUIT CARD.
7. THE FOUR MOUNTING HOLES FOR ITEMS 2 AND 3 (J1 AND J2) IN THE PRINTED CIRCUIT CARD MUST BE FREE OF SOLDER.
8. ITEM 9 (TAB) MUST BE SOLDERED TO THE TOP OF THE PRINTED CIRCUIT CARD FOLLOWING RIVETTING. NO SPACE MUST EXIST BETWEEN ITEM 9 AND THE PRINTED CIRCUIT CARD.



REVISIONS		REV.
CHK	CHANGE NO.	
—	ORIGINATED	A
—	5414008-MRO1	B
A. Martignette 11/27/79		
CHI LAU		
OK 11/28/79		
—	5414008-MRO2	C
A. Ball 11/28/79		
D. Schanin		
OK 11/28/79		
—	MRO3	D
B. Ball 11/28/79		
B LONGO		
—	MRO5	E
A. Martignette 11/28/79		
OK 11/28/79		

	THIRD ANGLE PROJECTION		DRN. 2 <i>second</i> <i>1/2" x 1/2"</i> CHK'D <i>1/2" x 1/2"</i> <i>DRG</i> <i>1/2"</i> ENG. <i>1/2" x 1/2"</i> <i>23/2/2/2</i> PROJ. ENG. <i>1/2" x 1/2"</i> <i>23/2/2/2</i> PROD. <i>1/2" x 1/2"</i> <i>THUGO</i>		FIRST USED ON		VT103 		
	REMOVE BURRS AND BREAK SHARP CORNERS		TITLE VT103 BACKPLANE						
	DO NOT SCALE DWG		NEXT HIGHER ASSY.						
	MATERIAL SEE PARTS LIST		B-DD-5414008-0 SCALE NONE		SIZE CODE D UA		NUMBER 5414008-0-0		REV. E
FINISH NONE		SHEET 1 OF 2		DIST.					



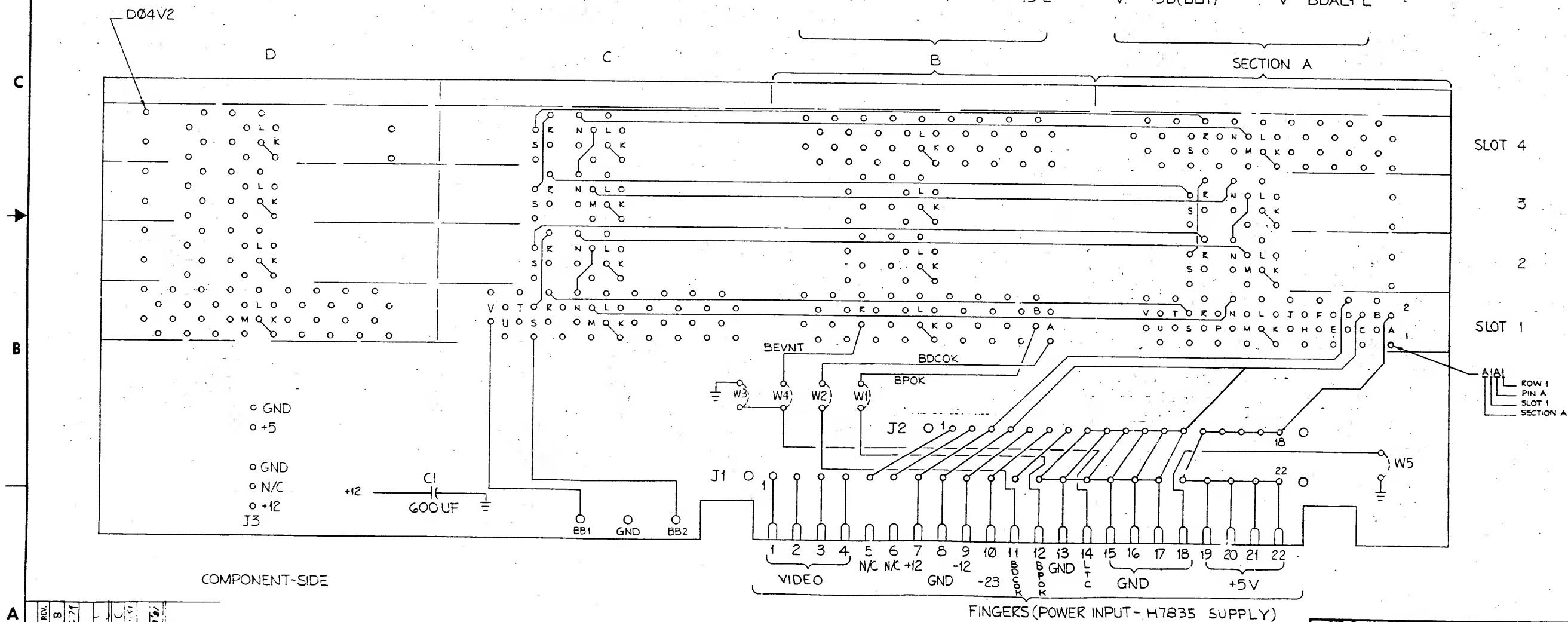
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TABLE 1
POWER SUPPLY AND JUMPER CONFIGURATION- FACTORY CONFIGURED FOR H7835 AND LINE TIME CLOCK DISABLED.

POWER SUPPLY	W1	W2	W3	W4	W5
H7835	IN	IN	OUT	*	IN
H7831	OUT	OUT	IN	OUT	OUT

* INSERT TO ENABLE LINE TIME CLOCK
REMOVE TO DISABLE LINE TIME CLOCK

PIN(1)	SIGNAL	PIN(2)	SIGNAL	PIN(1)	SIGNAL	PIN(2)	SIGNAL
A	BDCOK H	A	+5V	A	BIRQ5 L	A	+5V
B	BPOK H	B	-12V	B	BIRQ6 L	B	-12V
C	SSPARE4	C	GND	C	BDAL16 L	C	GND
D	5	D	+12V	D	BDAL17 L	D	+12V
E	6	E	BDAL2 L	E	SSPARE1	E	BDOUT L
F	7	F	3 L	F	SSPARE2	F	BRPLY L
G	8	G	4 L	G	SRUN L	G	BDIN L
H	GND	H	5 L	H	GND	H	BSYNC L
J	MSPAREB	J	6 L	J	MSPAREA	J	BWBTBT L
K	MSPAREB	K	7 L	K	MSPAREA	K	BIRQ4 L
L	GND	L	8 L	L	GND	L	BIAK1 L
M	BSACK L	M	9 L	M	BDMR L	M	BIAKO L
N	BIRQ7 L	N	10 L	N	BHALT L	N	BBS7 L
P	BEVNT L	P	11 L	P	BREF L	P	BDMG1 L
R	PSPARE4	R	12 L	R	+12B(BB2)	R	BDMG0 L
S	GND	S	13 L	S	GND	S	BBINIT L
T	PSPARE2	T	14 L	T	PSPARE1	T	BDALO L
U	+5V	U	15 L	U	+5B(BB1)	U	BDAL1 L
V		V		V		V	



REV.	CHANGE NO.	DATE	BY	CHK.
B	1	1/24/79	D. SCHANIN	
C	2	1/24/79	D. SCHANIN	
D	3	1/24/79	D. SCHANIN	
E	4	1/24/79	D. SCHANIN	
F	5	1/24/79	D. SCHANIN	
G	6	1/24/79	D. SCHANIN	
H	7	1/24/79	D. SCHANIN	
I	8	1/24/79	D. SCHANIN	
J	9	1/24/79	D. SCHANIN	
K	10	1/24/79	D. SCHANIN	
L	11	1/24/79	D. SCHANIN	
M	12	1/24/79	D. SCHANIN	
N	13	1/24/79	D. SCHANIN	
O	14	1/24/79	D. SCHANIN	
P	15	1/24/79	D. SCHANIN	
Q	16	1/24/79	D. SCHANIN	
R	17	1/24/79	D. SCHANIN	
S	18	1/24/79	D. SCHANIN	
T	19	1/24/79	D. SCHANIN	
U	20	1/24/79	D. SCHANIN	
V	21	1/24/79	D. SCHANIN	
W	22	1/24/79	D. SCHANIN	

DRN. 5414008-0-1	FIRST USED ON	VT103 digital
CHK'D. 5414008-0-1	TITLE	VT103 BACKPLANE
ENG. 1/24/79	PROJ. ENG. 1/24/79	PROD. 1/24/79
NEXT HIGHER ASSY.	B-DD-5414008-0	SCALE
SHEET 1 OF 2	DIST.	REV. C

8

C

1-0-800HIS

D

6

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2

MR 1

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NOTES:

1. SECTIONS C & D HAVE SAME PIN-SIGNAL ASSIGNMENTS AS SECTIONS A & B RESPECTIVELY.
2. CORRESPONDING PINS IN EACH SLOT ARE BUSSED TOGETHER, FOR EXAMPLE:
A01A1
A02A1
A03A1
A04A1
EXCEPT FOR FOLLOWING:
SSPARE 1,2,4-8 NOT BUSSED. SSPARE 3
BUSSED FROM SLOT 1 TO 4 AS SRUN L SIGNAL ON CONNECTOR BLOCK A ONLY.
PSPARE 1-2 - NOT BUSSED.
BKI AND BLI, AM2 AND AN2, AR2 AND AS2 ARE CONNECTED AS SHOWN.
3. BACKPLANE IS DESIGNED TO BE POWERED BY EITHER H7835 OR H7831 POWER SUPPLY. SEE TABLE 1.

D

C

B

A

DCS 5414008-0-1

REV. C

REVISION HISTORY

DATE	ECO NUMBER	REV

DOCUMENT NUMBER

SIZE	CODE	NUMBER	REV.
DCS		5414008-0-1	C
SCALE		SHEET 2 OF 2	

TITLE
VT103 BACKPLANE

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MR 1

MR

LINE	ITEM	DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	QTY PER VARIATION 00	REFERENCE DESIGNATOR
1	1	D-MD-5014007-0-0	5014007-00	VT103 BACKPLANE	1	
2	2		1215030-00	EDGE CARD 18POS STRAIGHT .125CC	1	J2
3	3		1215029-00	EDGE CARD 22POS STRAIGHT .156CC	1	J1
4	4		1212204-11	HEADER,156 6POS RT ANGLE	1	J3
5	5		1011849-01	600 MFD 25V +75-10% AL EL	1	C1
6	6		1210258-01	CONN,CARD 288PIN SLOTTED OPEN EN	2	
7	7		9009185-00	JUMPER, WIRE, INSULATED, BLACK B	3	W1,W2,W5
8	8		9009000-00	EYELET,ROLL FLANGE .1210DX .156	3	
9	9		9008219-00	TERM QUICK 1POS ADAPTER	3	
10	10		9009149-01	PIN, STAKING, P.C.BOARD .025 SQU	4	
11	11	A-SP-3700425-0-0	3700425-00	PKG BACKPLANE 5414008-54-13945 I	1	
12	12		9107267-11	*** THIS ITEM IS NOT USED ***	-	
13	13	A-DC-7411881-0-0	7411881-00	DECAL BACKPLANE REV STATUS	1	

- 14 NOTE: 1. SPARE LOCATIONS ARE:W3,W4
15 NOTE: 2. IF THERE IS A SHORTAGE OF 9009149-01,9009149-00 MAY BE USED

REVISION HISTORY			BASIC PART NO: 5414008		DRN: E. WILSON		DATE: 09-NOV-78		D I G I T A L				
ENG	ECO NUMBER	REV	SECTION A OF A		CHK'D: R. W. CAUNTER		DATE: 24-JAN-79		TITLE PARTS LIST				
---	INITIAL	A	SECTION VARIATION INDEX		DES. ENG: CHI LAU		DATE: 29-MAR-79		5414008 VT103 BACKPLANE				
CL	5414008-MR001	B	[A] 00		RESP. ENG: CHI LAU		DATE: 29-MAR-79		DOCUMENT NUMBER				
DS	5414008-MR002	C	[B]		MFG. ENG: C. BEVERLEY		DATE: 29-MAR-79		SIZE CODE NUMBER REV				
AM	5414008-MR005	ACLE	[C]		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME: EDIT				
			[D]		D-UA-5414008-0-0				Z0449E,PLS 9				
			[E]										
			[F]										
			[G]										
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MR

DIGITAL EQUIPMENT CORPORATION

PARTS LIST

QUANTITY / VARIATION

NOTES:

MADE BY *E. Wilson*
DATE 27 MAY 79

CHECKED *Bob Campbell*
DATE *2/21/79*

SECTION

ENG
DATE 3/24/79

PROD	12/20/79
DATE	5/20/80

ISSUED SECTION

ITEM NO.	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
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DRAWING NO.

PART NO.

DESCRIPTION

REF DESIGNATION

1 B-TC-5414008-0-2 MP00728 PRINT SET

2	A-SP-3700425-0-0	PACKAGING INSTRUCTIONS
---	------------------	------------------------

3	D-UA-5414008-0-0	5414008	VT103 BACKPLANE
---	------------------	---------	-----------------

RFF

1

E.C.O. NO. MROOI

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TITLE
SHIPPING LIST (5414008)

ASSY NO.
B-DD-5414008-0

SHEET 1 OF

SIZE B	CODE PL	NUMBER 5414008-0-3
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INSERTION PARTS LIST DATA BASE REV

REV.	
A	